

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# Product datasheet for TA355413

### SGLT1 (SLC5A1) Rabbit Polyclonal Antibody

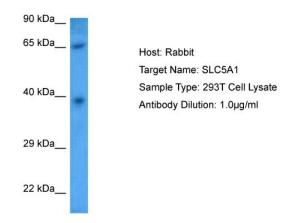
#### **Product data:**

| Product Type:           | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications:           | WB                                                                                                                                                                                                                                                                                                                                                                                                           |
| Reactivity:             | Human                                                                                                                                                                                                                                                                                                                                                                                                        |
| Host:                   | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                       |
| Clonality:              | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                   |
| Immunogen:              | The immunogen is a synthetic peptide directed towards the C terminal region of human<br>SLC5A1                                                                                                                                                                                                                                                                                                               |
| Specificity:            | Expected reactivity: Human                                                                                                                                                                                                                                                                                                                                                                                   |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                                                                                                                                                                                                                                                                            |
| Concentration:          | lot specific                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purification:           | Affinity purified                                                                                                                                                                                                                                                                                                                                                                                            |
| Conjugation:            | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                 |
| Storage:                | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.                                                                                                                                                                                                                                                                      |
| Stability:              | Shelf life: one year from despatch.                                                                                                                                                                                                                                                                                                                                                                          |
| Predicted Protein Size: | 73 kDa                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Name:              | solute carrier family 5 member 1                                                                                                                                                                                                                                                                                                                                                                             |
| Database Link:          | <u>NP_000334.1</u><br><u>Entrez Gene 6523 Human</u><br><u>P13866</u>                                                                                                                                                                                                                                                                                                                                         |
| Background:             | This gene encodes a member of the sodium-dependent glucose transporter (SGLT) family.<br>The encoded integral membrane protein is the primary mediator of dietary glucose and<br>galactose uptake from the intestinal lumen. Mutations in this gene have been associated with<br>glucose-galactose malabsorption. Multiple transcript variants encoding different isoforms<br>have been found for this gene. |
| Synonyms:               | D22S675; NAGT; SGLT1                                                                                                                                                                                                                                                                                                                                                                                         |
| Protein Families:       | Druggable Genome, Transmembrane                                                                                                                                                                                                                                                                                                                                                                              |



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## **Product images:**



Host: Rabbit Target Name: SLC5A1 Sample Tissue: 293T Whole Cell lysates Antibody Dilution: 1ug/ml

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