

## Product datasheet for **TA331844**

### SLC38A2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-SLC38A2 Antibody: synthetic peptide directed towards the N terminal of human SLC38A2. Synthetic peptide located within the following region: AALKSHYADVDPENQNFLLSNLGGKKYETEFHPGTTSGMSVFNLSNAI
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	solute carrier family 38 member 2
Database Link:	<a href="#">NP_061849</a> <a href="#">Entrez Gene 54407 Human</a> <a href="#">Q96QD8</a>
Background:	Under hypertonic conditions the induction of SLC38A2/SNAT2 leads to the stimulation of transport system A and to the increase in the cell content of amino acids. Its amino acid response element, along with a nearby conserved CAAT box, has enhancer activity in that it functions in an orientation and position independent manner, and it confers regulated transcription to a heterologous promoter.
Synonyms:	ATA2; PRO1068; SAT2; SNAT2

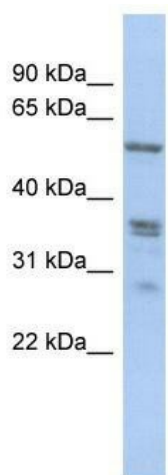


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**Note:** Immunogen sequence homology: Pig: 100%; Human: 100%; Dog: 93%; Rat: 93%; Horse: 93%; Mouse: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%

**Protein Families:** Druggable Genome, Transmembrane

**Product images:**



WB Suggested Anti-SLC38A2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: HT1080 cell lysate SLC38A2 is strongly supported by BioGPS gene expression data to be expressed in Human HT1080 cells