

Product datasheet for **TA355760**

KCNQ5 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 KCNQ5 |
| Specificity: | Expected reactivity: Human Homology: Dog: 100%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 93%; Rabbit: 100%; Rat: 93% |
| 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> |
| 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: | 103 kDa |
| Gene Name: | potassium voltage-gated channel subfamily Q member 5 |
| Database Link: | NP_062816 Entrez Gene 56479 Human Q9NR82-3 |



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Background:

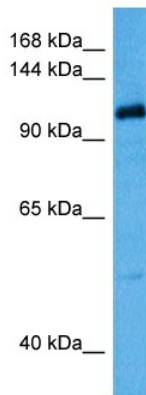
This gene is a member of the KCNQ potassium channel gene family that is differentially expressed in subregions of the brain and in skeletal muscle. The protein encoded by this gene yields currents that activate slowly with depolarization and can form heteromeric channels with the protein encoded by the KCNQ3 gene. Currents expressed from this protein have voltage dependences and inhibitor sensitivities in common with M-currents. They are also inhibited by M1 muscarinic receptor activation. Multiple transcript variants encoding different isoforms have been found for this gene.

Synonyms:

Kv7.5

Protein Families:

Druggable Genome, Ion Channels: Potassium, Transmembrane

Product images:

Host: Rabbit

Target Name: KCNQ5

Sample Type: OVCAR-3 Cell Lysate

Antibody Dilution: 1.0µg/ml

Host: Rabbit

Target Name: KCNQ5

Sample Tissue: Human OVCAR-3 Whole Cell lysates

Antibody Dilution: 1ug/ml