

Product datasheet for **TA308538**

KCNQ5 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 458 and 714 of KCNQ5 (Uniprot ID#Q9NR82)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	102 kDa
Gene Name:	potassium voltage-gated channel subfamily Q member 5
Database Link:	NP_062816 Entrez Gene 226922 Mouse Entrez Gene 56479 Human Q9NR82

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. Three alternatively spliced transcript variants encoding distinct isoforms have been found for this gene, but the full-length nature of only one has been determined. [provided by RefSeq]



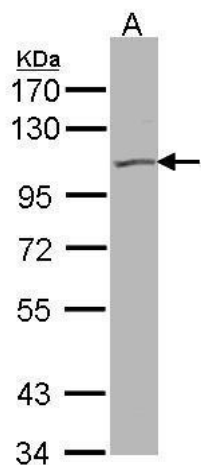
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Synonyms: Kv7.5

Note: Seq homology of immunogen across species: Mouse (96%)

Protein Families: Druggable Genome, Ion Channels: Potassium, Transmembrane

Product images:



Sample (30 ug of whole cell lysate). A:293T. 7.5% SDS PAGE. TA308538 diluted at 1:500