

KCNG3 Polyclonal Antibody
Catalog # AP70638**Specification**

KCNG3 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q8TAE7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

KCNG3 Polyclonal Antibody - Additional Information**Gene ID** 170850**Other Names**

KCNG3; Potassium voltage-gated channel subfamily G member 3; Voltage-gated potassium channel subunit Kv10.1; Voltage-gated potassium channel subunit Kv6.3

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

KCNG3 Polyclonal Antibody - Protein Information**Name** KCNG3**Function**

Potassium channel subunit that does not form functional channels by itself (PubMed:11852086). Can form functional heterotetrameric channels with KCNB1; this promotes a reduction in the rate of activation and inactivation of the delayed rectifier voltage-gated potassium channel KCNB1 (PubMed:11852086, PubMed:19074135).

Cellular Location

Cell membrane; Multi-pass membrane protein. Cytoplasm. Note=Has to be associated with KCNB1 or possibly another partner to get inserted in the plasma membrane (PubMed:12060745). Colocalizes with KCNB1 at the plasma membrane (PubMed:12060745, PubMed:19074135). Remains intracellular in the absence of KCNB1 (PubMed:12060745).

Tissue Location

Expressed in the brain, liver, testis, small intestine, colon, thymus and adrenal gland

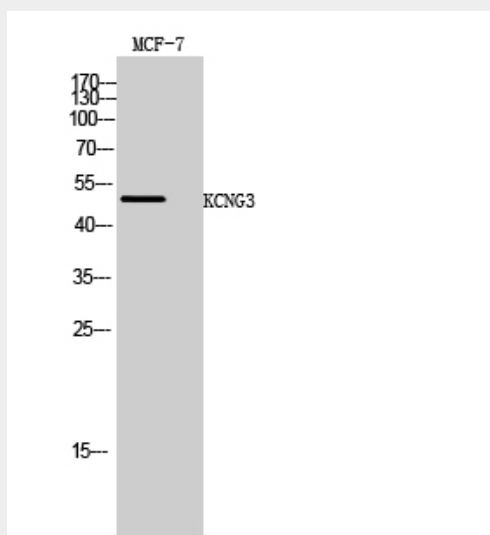
(PubMed:11852086, PubMed:12060745).

KCNG3 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KCNG3 Polyclonal Antibody - Images



KCNG3 Polyclonal Antibody - Background

Potassium channel subunit that does not form functional channels by itself (PubMed:11852086). Can form functional heterotetrameric channels with KCNB1; this promotes a reduction in the rate of activation and inactivation of the delayed rectifier voltage-gated potassium channel KCNB1 (PubMed:11852086, PubMed:19074135).