

Rabbit KCNQ1 Polyclonal Antibody | anti-KCNQ1 antibody

KCNQ1 Polyclonal Antibody

CATALOG # AAA169227	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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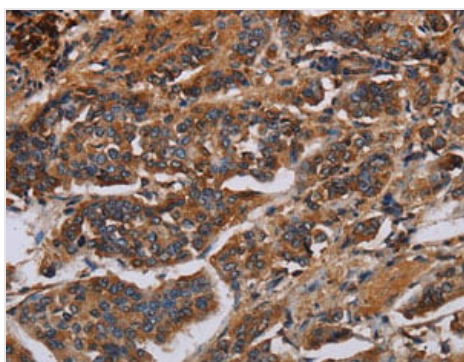
PRODUCT SYNONYMS

KCNQ1; Polyclonal Antibody; KCNQ1 Polyclonal Antibody; LQT; RWS; WRS; LQT1; SQT2; ATFB1; ATFB3; JLNS1; KCNA8; KCNA9; Kv1.9; Kv7.1; KVLQT1; anti-KCNQ1 antibody

PRODUCT SPECIFICATIONS

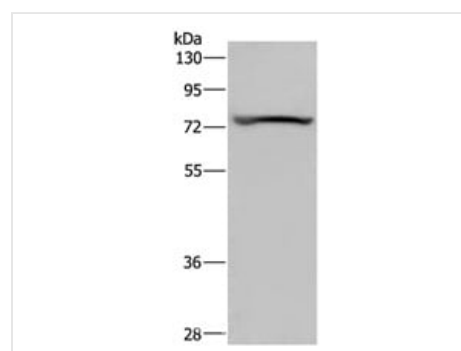
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% sodium azide, 50% glycerol, PH7.3
Applicable Applications for anti-KCNQ1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human KCNQ1
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer using KCNQ1 Polyclonal Antibody at dilution of 1:50



WB (Western Blot)

Western Blot analysis of Mouse heart tissue using KCNQ1 Polyclonal Antibody at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-KCNQ1 antibody	This gene encodes a voltage-gated potassium channel required for repolarization phase of the cardiac action potential. This protein can form heteromultimers with two other potassium channel proteins, KCNE1 and KCNE3. Mutations in this gene are associated with hereditary long QT syndrome 1 (also known as Romano-Ward syndrome), Jervell and Lange-Nielsen syndrome, and familial atrial fibrillation. This gene exhibits tissue-specific imprinting, with preferential expression from the maternal allele in some tissues, and biallelic expression in others. This gene is located in a region of chromosome 11 amongst other imprinted genes that are associated with Beckwith-Wiedemann syndrome (BWS), and itself has been shown to be disrupted by chromosomal rearrangements in patients with BWS. Alternatively spliced transcript variants have been found for this gene.
Product Categories/Family for anti-KCNQ1 antibody	Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	3319981
NCBI GeneID	16535
UniProt Accession #	P51787; O88702; Q3U4H1; Q7TNZ1; Q7TPL7; Q80VR7; P97414
Molecular Weight	75kDa
NCBI Official Full Name	Kcnq1, partial
NCBI Official Synonym Full Names	potassium voltage-gated channel, subfamily Q, member 1
NCBI Official Symbol	Kcnq1
NCBI Official Synonym Symbols	Kcna9; KVLQT1; AW559127
NCBI Protein Information	potassium voltage-gated channel subfamily KQT member 1; IKs producing slow voltage-gated potassium channel subunit alpha KvLQT1; KQT-like 1; voltage-gated potassium channel subunit Kv7.1
UniProt Protein Name	Potassium voltage-gated channel subfamily KQT member 1
UniProt Gene Name	Kcnq1
UniProt Synonym Gene Names	Kcna9; Kvlqt1
UniProt Entry Name	KCNQ1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kcnq1-antibody-immunohistochemistry-western-blot-elisa/169227>