Rabbit anti-Human KCNQ4 Polyclonal Antibody | anti-KCNQ4 antibody

KCNQ4 Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201520	**Rabbit**	**Human**	**Western Blot**

PRODUCT SYNONYMS

KCNQ4; Polyclonal Antibody; KCNQ4 Antibody - C-terminal region; anti-KCNQ4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 16% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:GP GDRKAREKGD KGPSDAEVVD EISMMGRVVK VEKQVQSIEH KLDLLLGF
Sequence Length	695
Applicable Applications for anti-KCNQ4 antibody	WB (Western Blot)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human KCNQ4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

WB (Western Blot)
Host: RabbitTarget Name: KCNQ4Sample Tissue: HepG2 Whole Cell lysatesAntibody Dilution: 1ug/ml

WB (Western Blot)
Host: MouseTarget Name: KCNQ4Sample Tissue: Mouse BrainAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-KCNQ4 antibody	The protein encoded by this gene forms a potassium channel that is thought to play a critical role in the regulation of neuronal excitability, particularly in sensory cells of the cochlea. The current generated by this channel is inhibited by M1 muscarinic acetylcholine receptors and activated by retigabine, a novel anti-convulsant drug. The encoded protein can form a homomultimeric potassium channel or possibly a heteromultimeric channel in association with the protein encoded by the KCNQ3 gene. Defects in this gene are a cause of nonsyndromic sensorineural deafness type 2 (DFNA2), an autosomal dominant form of progressive hearing loss. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-KCNQ4 antibody	Polyclonal; Ion Channel; Cell Biology; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	26638653
NCBI GeneID	9132
NCBI Accession #	NP_004691.2
NCBI GenBank Nucleotide #	NM_004700.3
UniProt Accession #	P56696
Molecular Weight	76 kDa
NCBI Official Full Name	potassium voltage-gated channel subfamily KQT member 4 isoform a
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily Q member 4
NCBI Official Symbol	KCNQ4
NCBI Official Synonym Symbols	DFNA2; KV7.4; DFNA2A
NCBI Protein Information	potassium voltage-gated channel subfamily KQT member 4
UniProt Protein Name	Potassium voltage-gated channel subfamily KQT member 4
UniProt Gene Name	**KCNQ4**
UniProt Entry Name	KCNQ4_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/kcnq4-antibody-western-blot-elisa/201520