

Rabbit anti-Human, Rat KCNH4 Polyclonal Antibody | anti-KCNH4 antibody

KCNH4 Antibody

CATALOG # AAA319547	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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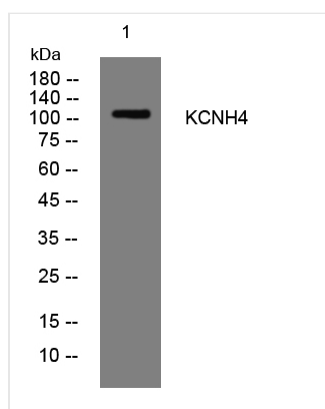
PRODUCT SYNONYMS

KCNH4; Polyclonal Antibody; KCNH4 Antibody; anti-KCNH4 antibody

PRODUCT SPECIFICATIONS

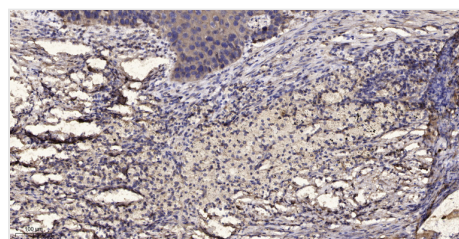
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of KCNH4 at Human/Rat
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-KCNH4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Synthesized peptide derived from human KCNH4.AA range:180-250
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot analysis of lysates from VEC cells, primary antibody was diluted at 1:1000, 4 degree over night



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

Related Product Information for anti-KCNH4 antibody	Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily H. This member is a pore-forming (alpha) subunit. The gene is brain-specific, and located in the neocortex and the striatum. It may be involved in cellular excitability of restricted neurons in the central nervous system. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-KCNH4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912446
NCBI GeneID	23415
NCBI Accession #	NP_036417.1
NCBI GenBank Nucleotide #	NM_012285.2
UniProt Accession #	Q9UQ05
Molecular Weight	111,693 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily H member 4
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily H member 4
NCBI Official Symbol	KCNH4
NCBI Official Synonym Symbols	BEC2; ELK1; Kv12.3
NCBI Protein Information	potassium voltage-gated channel subfamily H member 4
UniProt Protein Name	Potassium voltage-gated channel subfamily H member 4
UniProt Gene Name	KCNH4
UniProt Synonym Gene Names	BEC2; ELK channel 1; ELK1

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://www.aaabiotech.com/polyclonal/kcnh4-antibody-immunohistochemistry-western-blot-elisa/319547>