Rabbit KCNH5 Polyclonal Antibody | anti-KCNH5 antibody

KCNH5 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197982	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish**	**Western Blot, Immunohistochemistry**

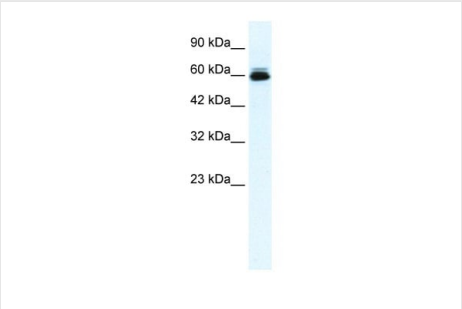
PRODUCT SYNONYMS

KCNH5; Polyclonal Antibody; KCNH5 antibody - N-terminal region; anti-KCNH5 antibody

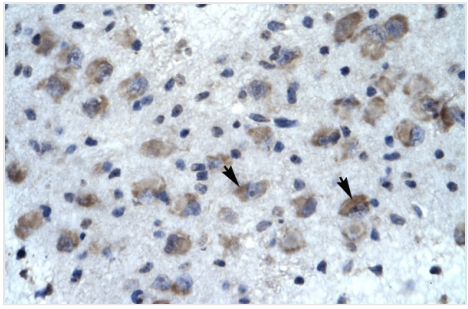
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:LT NSRSVLQQLT PMNKTEVVHK HSRLAEVLQL GSDILPQYKQ EAPKTPPH
Sequence Length	611
Applicable Applications for anti-KCNH5 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KCNH5
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)
WB Suggested Anti-KCNH5 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:312500Positive Control: HepG2 cell lysate



IHC (Immunohistochemistry)
Human Brain

ADDITIONAL INFORMATION

Related Product Information for anti-KCNH5 antibody	This is a rabbit polyclonal antibody against KCNH5. It was validated on Western Blot and immunohistochemistry Target Description: 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. The KCNH5 gene encodes a member of the potassium channel, voltage-gated, subfamily H. This member is a pore-forming (alpha) subunit of a voltage-gated non-inactivating delayed rectifier potassium channel. KCNH5 is not expressed in differentiating myoblasts.
Product Categories/Family for anti-KCNH5 antibody	Polyclonal; Ion Channel; Membrane Protein; Transcription Regulation; Cardiovascular; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	27886646
NCBI GeneID	27133
NCBI Accession #	NP_758963
NCBI GenBank Nucleotide #	NM_172375
UniProt Accession #	Q8NCM2
Molecular Weight	67kDa
NCBI Official Full Name	potassium voltage-gated channel subfamily H member 5 isoform 3
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily H member 5
NCBI Official Symbol	KCNH5
NCBI Official Synonym Symbols	EAG2; hEAG2; H-EAG2; Kv10.2
NCBI Protein Information	potassium voltage-gated channel subfamily H member 5
UniProt Protein Name	Potassium voltage-gated channel subfamily H member 5
UniProt Gene Name	**KCNH5**
UniProt Synonym Gene Names	EAG2; hEAG2

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/kcnh5-antibody-western-blot-immunohistochemistry-elisa/197982