

Rabbit KCND3 Polyclonal Antibody | anti-KCND3 antibody

KCND3 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197932	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

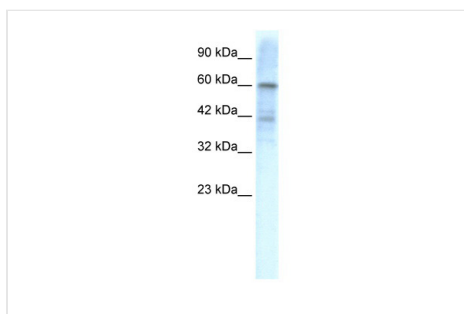
PRODUCT SYNONYMS

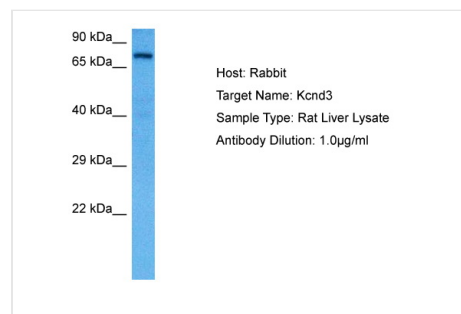
KCND3; Polyclonal Antibody; KCND3 antibody - middle region; anti-KCND3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KA RLARIRVAKT GSSNAYLHSK RNgLLNEALE LTGTPEEEHM GKTTSLIE
Sequence Length	636
Applicable Applications for anti-KCND3 antibody	WB (Western Blot)
Homology	Cow: 92%; Dog: 92%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human KCND3
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-KCND3 Antibody Titration: 1.25ug/ml
ELISA Titer: 1:12500
Positive Control: HepG2 cell lysate

WB (Western Blot)

Host: Rat
Target Name: KCND3
Sample Type: Rat Liver Lysate
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-KCND3 antibody	This is a rabbit polyclonal antibody against KCND3. It was validated on Western Blot using a cell lysate as a positive control. 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. Four sequence-related potassium channel genes - shaker, shaw, shab, and shal - have been identified in Drosophila, and each has been shown to have human homolog(s). KCND3 encodes a member of the potassium channel, voltage-gated, shal-related subfamily, members of which form voltage-activated A-type potassium ion channels and are prominent in the repolarization phase of the action potential.
Product Categories/Family for anti-KCND3 antibody	Polyclonal; Signal Proteins; Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	27436986
NCBI GeneID	3752
NCBI Accession #	NP_751948
NCBI GenBank Nucleotide #	NM_172198
UniProt Accession #	Q9UK17
Molecular Weight	70kDa
NCBI Official Full Name	potassium voltage-gated channel subfamily D member 3 isoform 2
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily D member 3
NCBI Official Symbol	KCND3
NCBI Official Synonym Symbols	KV4.3; SCA19; SCA22; BRGDA9; KCND3L; KCND3S; KSHIVB
NCBI Protein Information	potassium voltage-gated channel subfamily D member 3
UniProt Protein Name	Potassium voltage-gated channel subfamily D member 3
UniProt Gene Name	KCND3
UniProt Entry Name	KCND3_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/kcnd3-antibody-western-blot-elisa/197932>