

Rabbit KCND3 Polyclonal Antibody | anti-KCND3 antibody

KCND3 Rabbit Polyclonal Antibody

CATALOG # AAA313955	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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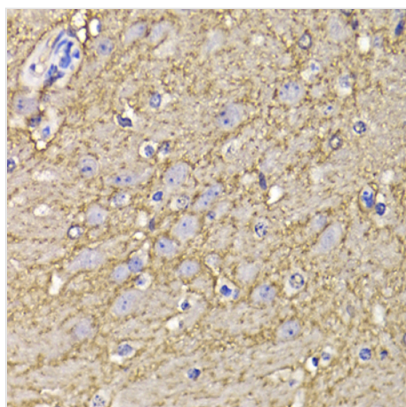
PRODUCT SYNONYMS

KCND3; Polyclonal Antibody; KCND3 Rabbit Polyclonal Antibody; BRGDA9; KCND3L; KCND3S; KSHIVB; KV4.3; SCA19; SCA22; anti-KCND3 antibody

PRODUCT SPECIFICATIONS

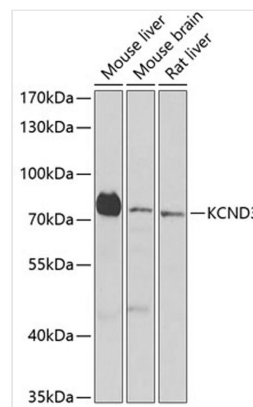
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-KCND3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human KCND3 (NP_751948.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using KCND3 at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using KCND3 at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-KCND3 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. 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). This gene 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. This member includes two isoforms with different sizes, which are encoded by alternatively spliced transcript variants of this gene.
Product Categories/Family for anti-KCND3 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	27436984
NCBI GeneID	3752
NCBI Accession #	NP_004971.2
NCBI GenBank Nucleotide #	NM_004980.4
UniProt Accession #	Q9UK17; O60576; O60577; Q14D71; Q5T0M0; Q9UH85; Q9UH86; Q9UK16
Molecular Weight	71,392 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily D member 3 isoform 1
NCBI Official Synonym Full Names	potassium voltage-gated channel, Shal-related subfamily, member 3
NCBI Official Symbol	KCND3
NCBI Official Synonym Symbols	KV4.3; SCA19; SCA22; KCND3L; KCND3S; KSHIVB
NCBI Protein Information	potassium voltage-gated channel subfamily D member 3; voltage-gated K+ channel; potassium ionic channel Kv4.3; sha1-related potassium channel Kv4.3; voltage-gated potassium channel subunit Kv4.3
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://stage.aaabiotech.com/polyclonal/kcnd3-antibody-immunohistochemistry-western-blot-elisa/313955>