

Rabbit T-type Ca++ CP alpha1H Polyclonal Antibody

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CATALOG # AAA171762	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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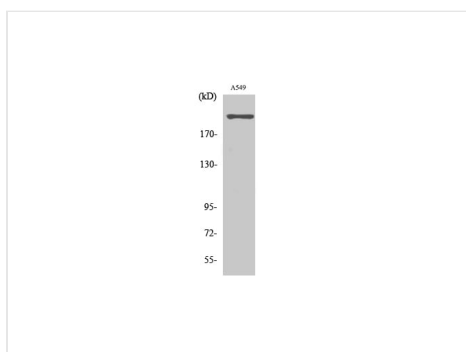
PRODUCT SYNONYMS

T-type Ca++ CP alpha1H; Polyclonal Antibody; T-type Ca++ CP alpha1H Polyclonal Antibody; CACNA1H; Voltage-dependent T-type calcium channel subunit alpha-1H; Low-voltage-activated calcium channel alpha1 3.2 subunit; Voltage-gated calcium channel subunit alpha Cav3.2; anti-T-type Ca++ CP alpha1H antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-T-type Ca++ CP alpha1H antibody	ELISA, WB (Western Blot)
Immunogen	Synthesized peptide derived from the Internal region of human T-type Ca++ CP alpha-1H.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of various cells with T-type Ca++ CP ?1H Polyclonal Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-T-type Ca++ CP alpha1H antibody	Voltage-sensitive calcium channels (VSCC) mediate the entry of calcium ions into excitable cells and are also involved in a variety of calciumdependent processes, including muscle contraction, hormone or neurotransmitter release, gene expression, cell motility, cell division and cell death. The isoform alpha-1H gives rise to T-type calcium currents. Ttype calcium channels belong to the "low-voltage activated (LVA)" group and are strongly blocked by nickel and mibefradil. A particularity of this type of channels is an opening at quite negative potentials, and a voltagedependent inactivation. T-type channels serve pacemaking functions in both central neurons and cardiac nodal cells and support calcium signaling in secretory cells and vascular smooth muscle. They may also be involved in the modulation of firing patterns of neurons which is important for information processing as well as in cell growth processes.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	8912
UniProt Accession #	O95180
Molecular Weight	Calculated MW: 259 Observed MW: 259

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/t-type-ca-cp-alpha1h-antibody-western-blot-elisa/171762>