

Rabbit T-type Ca⁺⁺ CP alpha1H Polyclonal Antibody | anti-CACNA1H antibody

T-type Ca⁺⁺ CP alpha1H Polyclonal Antibody

CATALOG # AAA295959	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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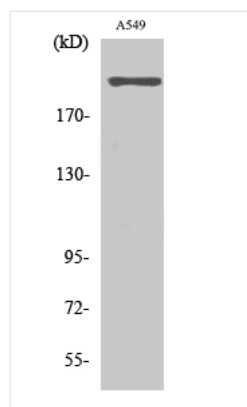
PRODUCT SYNONYMS

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-CACNA1H antibody

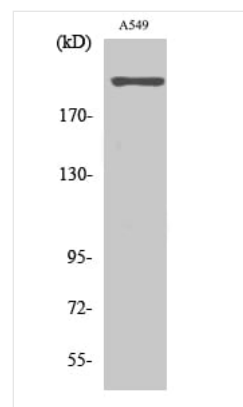
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-CACNA1H antibody	WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-CACNA1H antibody

Voltage-sensitive calcium channel that gives rise to T- type calcium currents. T-type calcium channels belong to the "low- voltage activated (LVA)" group. A particularity of this type of channel is an opening at quite negative potentials, and a voltage- dependent inactivation (PubMed:9930755, PubMed:27149520). 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 (Probable). They may also be involved in the modulation of firing patterns of neurons (PubMed:27729216).

NCBI AND UNIPROT INFORMATION

NCBI GI #	53832011
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NCBI GeneID	8912
NCBI Accession #	NP_001005407.1
NCBI GenBank Nucleotide #	NM_001005407.1
UniProt Accession #	O95180 ; O95802 ; Q8WWI6 ; Q96QI6 ; Q96RZ9 ; Q9NYY4 ; Q9NYY5 ; B5ME00 ; F8WFD1
Molecular Weight	259,163 Da
NCBI Official Full Name	voltage-dependent T-type calcium channel subunit alpha-1H isoform b
NCBI Official Synonym Full Names	calcium channel, voltage-dependent, T type, alpha 1H subunit
NCBI Official Symbol	CACNA1H
NCBI Official Synonym Symbols	ECA6; EIG6; Cav3.2; CACNA1HB
NCBI Protein Information	voltage-dependent T-type calcium channel subunit alpha-1H; voltage-gated calcium channel alpha subunit Cav3.2; voltage-gated calcium channel alpha subunit CavT.2; voltage-gated calcium channel subunit alpha Cav3.2; low-voltage-activated calcium channel al
UniProt Protein Name	Voltage-dependent T-type calcium channel subunit alpha-1H
UniProt Gene Name	CACNA1H
UniProt Entry Name	CAC1H_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/t-type-ca-cp-alpha1h-antibody-western-blot-elisa/295959>