

Rabbit anti-Human, Mouse CACNA1H Polyclonal Antibody | anti-CACNA1H antibody

CACNA1H Polyclonal Antibody

CATALOG # AAA175880	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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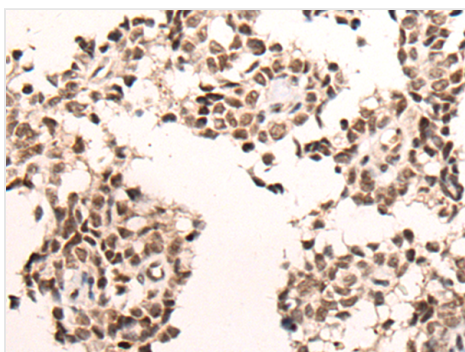
PRODUCT SYNONYMS

CACNA1H; Polyclonal Antibody; CACNA1H Polyclonal Antibody; Alpha1 3.2; Alpha13.2; CAC1H; CACNA 1H; CACNA1 H; CACNA1 HB; Cacna1h; CACNA1HB; Calcium channel alpha13.2 subunit; Calcium channel voltage dependent T type alpha 1H subunit; Calcium channel; Voltage-dependent; T type; Alpha 1Hb subunit; Cav 3.2; Cav T.2; Cav3.2; CavT.2; EIG 6; EIG6; Low voltage activated calcium channel alpha 13.2 subunit; Low voltage activated calcium channel alpha1 3.2 subunit; Low-voltage-activated calcium channel alpha1 3.2 subunit; MNCb 1209; T type Cav3.2; Voltage dependent t type calcium channel alpha 1H subunit; Voltage gated calcium channel alpha subunit Cav 3.2; Voltage gated calcium channel alpha subunit Cav T.2; Voltage gated calcium channel alpha subunit Cav3.2; Voltage gated calcium channel alpha subunit CavT.2; Voltage-dependent T-type calcium channel subunit alpha-1H; Voltage-gated calcium channel subunit alpha Cav3.2; anti-CACNA1H antibody

PRODUCT SPECIFICATIONS

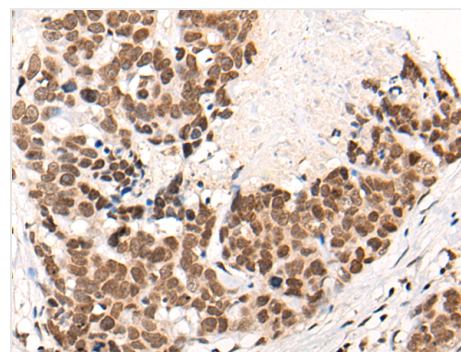
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.6mg/mL (varies by lot)
Sequence Length	2347
Applicable Applications for anti-CACNA1H antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human CACNA1H
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using CACNA1H Polyclonal Antibody at dilution of 1:40(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CACNA1H Polyclonal Antibody at dilution of 1:40(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-CACNA1H antibody	This gene encodes a T-type member of the alpha-1 subunit family, a protein in the voltage-dependent calcium channel complex. Calcium channels mediate the influx of calcium ions into the cell upon membrane polarization and consist of a complex of alpha-1, alpha-2/delta, beta, and gamma subunits in a 1:1:1:1 ratio. The alpha-1 subunit has 24 transmembrane segments and forms the pore through which ions pass into the cell. There are multiple isoforms of each of the proteins in the complex, either encoded by different genes or the result of alternative splicing of transcripts. Alternate transcriptional splice variants, encoding different isoforms, have been characterized for the gene described here. Studies suggest certain mutations in this gene lead to childhood absence epilepsy (CAE).
Product Categories/Family for anti-CACNA1H antibody	Neuroscience; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	53832011
NCBI GeneID	8912
NCBI Accession #	NP_001005407.1
NCBI GenBank Nucleotide #	NP_001005407.1
UniProt Accession #	O95180
NCBI Official Full Name	voltage-dependent T-type calcium channel subunit alpha-1H isoform b
NCBI Official Synonym Full Names	calcium voltage-gated channel subunit alpha1 H
NCBI Official Symbol	CACNA1H
NCBI Official Synonym Symbols	ECA6; EIG6; HALD4; Cav3.2; CACNA1HB
NCBI Protein Information	voltage-dependent T-type calcium channel subunit alpha-1H
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.