

Rabbit anti-Human CACNB4 Polyclonal Antibody | anti-CACNB4 antibody

CACNB4 Antibody

CATALOG # AAA310301	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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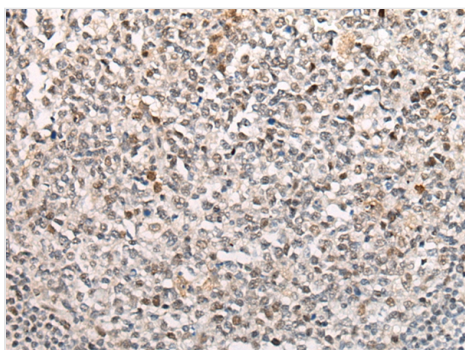
PRODUCT SYNONYMS

CACNB4; Polyclonal Antibody; CACNB4 Antibody; EA5; EJM; CAB4; EIG9; EJM4; EJM6; CACNLB4; anti-CACNB4 antibody

PRODUCT SPECIFICATIONS

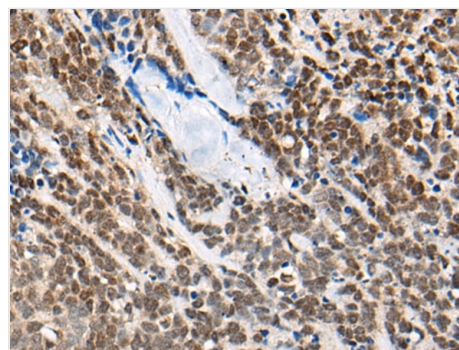
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total CACNB4 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	520
Applicable Applications for anti-CACNB4 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide corresponding to residues near the C terminal of human CACNB4
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 46387(CACNB4 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 46387(CACNB4 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x200)

ADDITIONAL INFORMATION

Related Product Information for anti-CACNB4 antibody	This gene encodes a member of the beta subunit family of voltage-dependent calcium channel complex proteins. 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. Various versions of each of these subunits exist, either expressed from similar genes or the result of alternative splicing. The protein encoded by this locus plays an important role in calcium channel function by modulating G protein inhibition, increasing peak calcium current, controlling the alpha-1 subunit membrane targeting and shifting the voltage dependence of activation and inactivation. Certain mutations in this gene have been associated with idiopathic generalized epilepsy (IGE) and juvenile myoclonic epilepsy (JME). Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-CACNB4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	54607064
NCBI GeneID	785
NCBI Accession #	NP_000717
NCBI GenBank Nucleotide #	NM_000726.4
UniProt Accession #	O00305; O60515; Q6B000; Q96L40; A7BJ74; A8K1Y4; B4DG40
Molecular Weight	51,331 Da
NCBI Official Full Name	voltage-dependent L-type calcium channel subunit beta-4 isoform b
NCBI Official Synonym Full Names	calcium voltage-gated channel auxiliary subunit beta 4
NCBI Official Symbol	CACNB4
NCBI Official Synonym Symbols	EA5; EJM; CAB4; EIG9; EJM4; EJM6; CACNLB4
NCBI Protein Information	voltage-dependent L-type calcium channel subunit beta-4
UniProt Protein Name	Voltage-dependent L-type calcium channel subunit beta-4
UniProt Gene Name	CACNB4
UniProt Synonym Gene Names	CAB4Curated

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/cacnb4-antibody-immunohistochemistry-elisa/310301>