

Rabbit CACNA2D2 Polyclonal Antibody | anti-CACNA2D2 antibody

Rabbit anti-CACNA2D2 Antibody

CATALOG # AAA221837	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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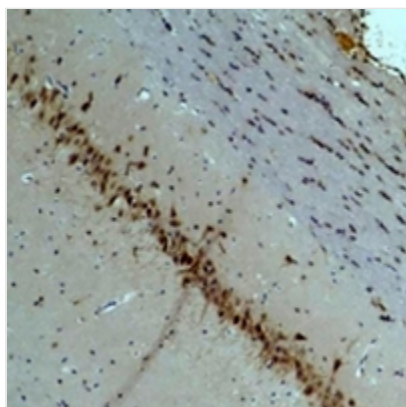
PRODUCT SYNONYMS

CACNA2D2; Polyclonal Antibody; Rabbit anti-CACNA2D2 Antibody; KIAA0558; Voltage-dependent calcium channel subunit alpha-2/delta-2; Voltage-gated calcium channel subunit alpha-2/delta-2; anti-CACNA2D2 antibody

PRODUCT SPECIFICATIONS

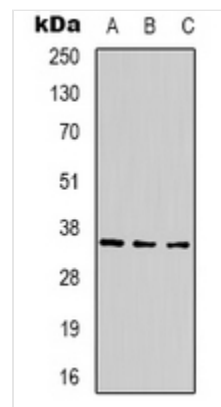
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CACNA2D2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of human CACNA2D2. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of CACNA2D2 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of CACNA2D2 expression in 293T (A), mouse brain (B), rat brain (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CACNA2D2 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54112394
NCBI GeneID	9254
NCBI Accession #	NP_006021.2
NCBI GenBank Nucleotide #	NM_006030.3
UniProt Accession #	Q9NY47; Q9NY48; Q9UEW0; Q9Y268; A7MD15
Molecular Weight	130,001 Da
NCBI Official Full Name	voltage-dependent calcium channel subunit alpha-2/delta-2 isoform b
NCBI Official Synonym Full Names	calcium channel, voltage-dependent, alpha 2/delta subunit 2
NCBI Official Symbol	CACNA2D2
NCBI Official Synonym Symbols	CACNA2D
NCBI Protein Information	voltage-dependent calcium channel subunit alpha-2/delta-2; gene 26; alpha 2 delta calcium channel subunit; voltage-gated calcium channel subunit alpha-2/delta-2
UniProt Protein Name	Voltage-dependent calcium channel subunit alpha-2/delta-2
UniProt Gene Name	CACNA2D2
UniProt Synonym Gene Names	KIAA0558
UniProt Entry Name	CA2D2_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/cacna2d2-antibody-immunohistochemistry-western-blot-elisa/221837>