

Rabbit anti-Rat CACNA2D1 Polyclonal Antibody | anti-CACNA2D1 antibody

Anti-CACNA2D1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260940	Rabbit	Rat	Immunohistochemistry, Western Blot

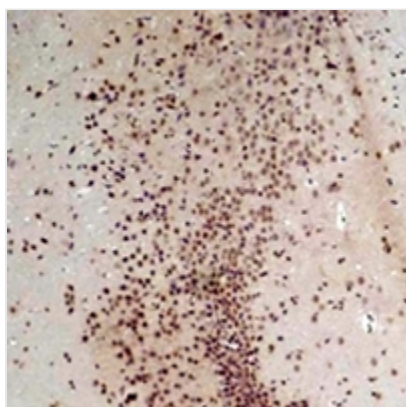
PRODUCT SYNONYMS

CACNA2D1; Polyclonal Antibody; Anti-CACNA2D1 Antibody; CACNL2A; CCHL2A; MHS3; Voltage-dependent calcium channel subunit alpha-2/delta-1; Voltage-gated calcium channel subunit alpha-2/delta-1; anti-CACNA2D1 antibody

PRODUCT SPECIFICATIONS

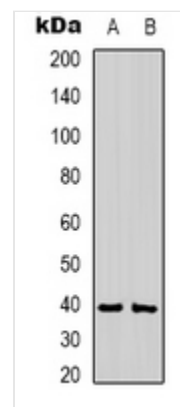
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of CACNA2D1 protein.
Purity/Purification	The antibody was purified by affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	1091
Applicable Applications for anti-CACNA2D1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of rat CACNA2D1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of CACNA2D1 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 CACNA2D1 expression in rat brain (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CACNA2D1 antibody	Rabbit polyclonal to CACNA2D1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1705853
NCBI GeneID	25399
UniProt Accession #	P54290
Molecular Weight	123,823 Da
NCBI Official Full Name	Voltage-dependent calcium channel subunit alpha-2/delta-1
NCBI Official Synonym Full Names	calcium voltage-gated channel auxiliary subunit alpha2delta 1
NCBI Official Symbol	Cacna2d1
NCBI Official Synonym Symbols	CCHLA2; Cacna2; DHSCCA
NCBI Protein Information	voltage-dependent calcium channel subunit alpha-2/delta-1
UniProt Protein Name	Voltage-dependent calcium channel subunit alpha-2/delta-1
UniProt Gene Name	Cacna2d1
UniProt Synonym Gene Names	Cacn12a; Cchl2a
UniProt Entry Name	CA2D1_RAT

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/cacna2d1-antibody-immunohistochemistry-western-blot-elisa/260940>