

Rabbit anti-Human, Mouse CACNA2D2 Polyclonal Antibody | anti-CACNA2D2 antibody

CACNA2D2 Antibody

CATALOG # AAA231178	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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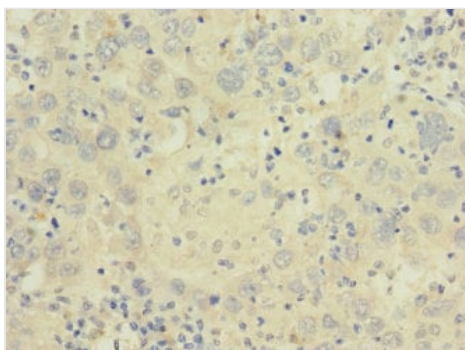
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

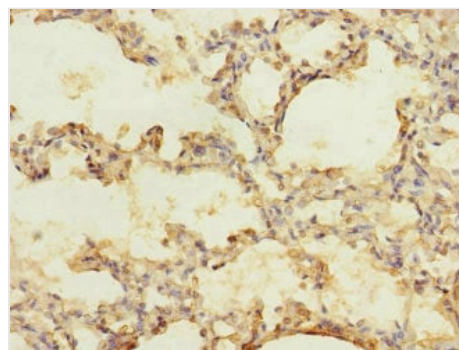
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	1145
Applicable Applications for anti-CACNA2D2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Voltage-dependent calcium channel subunit alpha-2/delta-2 protein (20-200AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-34768 / sc-66822
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



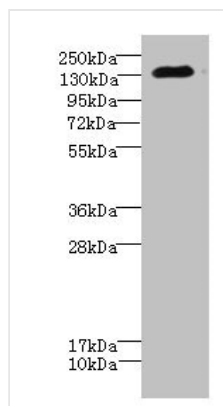
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using AAA231178 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung tissue using AAA231178 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: CACNA2D2 antibody IgG at 4.51ug/ml+ Mouse brain tissueSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 130,123,131 kDaObserved band size: 130 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CACNA2D2 antibody

The alpha-2/delta subunit of voltage-dependent calcium channels regulates calcium current density and activation/inactivation kinetics of the calcium channel. Acts as a regulatory subunit for P/Q-type calcium channel (CACNA1A), N-type (CACNA1B), L-type (CACNA1C OR CACNA1D) and possibly T-type (CACNA1G). Overexpression induces apoptosis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	54112392
NCBI GeneID	9254
NCBI Accession #	NP_001005505.1
NCBI GenBank Nucleotide #	NM_001005505.2
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 a
NCBI Official Synonym Full Names	calcium voltage-gated channel auxiliary subunit alpha2delta 2
NCBI Official Symbol	CACNA2D2
NCBI Official Synonym Symbols	CACNA2D
NCBI Protein Information	voltage-dependent 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/231178>