

Rabbit CALHM1 Polyclonal Antibody | anti-CALHM1 antibody

CALHM1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40159	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

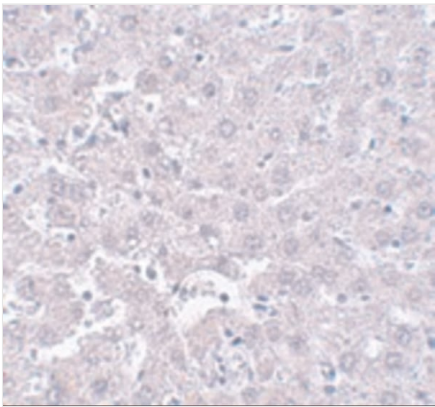
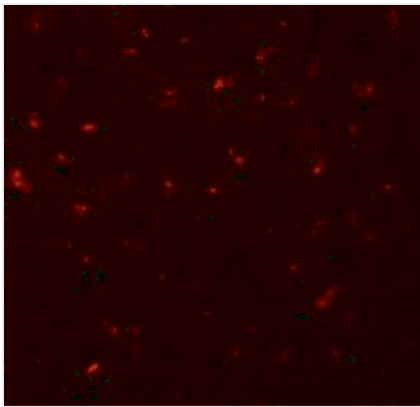
PRODUCT SYNONYMS

CALHM1; Polyclonal Antibody; CALHM1 Antibody; FAM26C; Calcium homeostasis modulator protein 1; Protein FAM26C; calcium homeostasis modulator 1; anti-CALHM1 antibody

PRODUCT SPECIFICATIONS

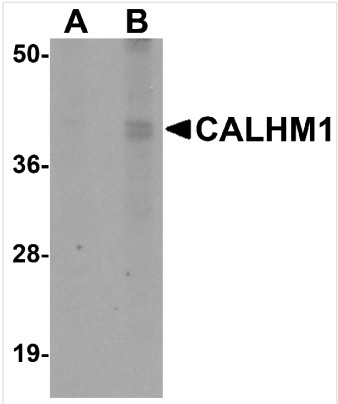
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	CALHM1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	346
Applicable Applications for anti-CALHM1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CALHM1 antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human CALHM1.
Buffer	CALHM1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CALHM1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of CALHM1 in Rat Liver cells with CALHM1 antibody at 20 μg/mL.

IHC (Immunohiostchemistry)
Immunohistochemistry of CALHM1 in rat liver tissue with CALHM1 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of CALHM1 in rat liver tissue lysate with CALHM1 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CALHM1 antibody	CALHM1 Antibody: Alzheimer's disease (AD) is a progressive neurodegenerative disorder characterized by a massive loss of neurons in several brain regions and by the presence of senile plaques comprised of aggregated amyloid-beta (Abeta) peptides produced by the endoproteolysis of the amyloid precursor protein (APP). The calcium homeostasis modulator 1 (CALHM1) is a recently identified multipass transmembrane glycoprotein that controls cytosolic Ca2+ concentration and Abeta levels. While some studies suggest CALHM1 is significantly associated with risk of AD, other reports suggest there is no link. CALHM1 has been suggested to modulate the Ca2+-dependent proteolytic process of APP through controlling the level of cytosolic Ca2+.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194440685
NCBI GeneID	255022
NCBI Accession #	NP_001001412
NCBI GenBank Nucleotide #	NM_001001412.3
UniProt Accession #	Q8IU99; Q5W091
Molecular Weight	38,264 Da
NCBI Official Full Name	calcium homeostasis modulator protein 1
NCBI Official Synonym Full Names	calcium homeostasis modulator 1

NCBI Official Symbol	CALHM1
NCBI Official Synonym Symbols	FAM26C
NCBI Protein Information	calcium homeostasis modulator protein 1; family with sequence similarity 26, member C
UniProt Protein Name	Calcium homeostasis modulator protein 1
UniProt Gene Name	CALHM1
UniProt Synonym Gene Names	FAM26C
UniProt Entry Name	CAHM1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/calhm1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40159>