

Rabbit anti-Human, Rat CALHM1 Polyclonal Antibody | anti-CALHM1 antibody

CALHM1 Polyclonal Antibody

CATALOG # AAA293657	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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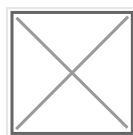
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

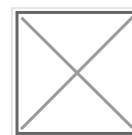
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Applicable Applications for anti-CALHM1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Dilution: WB: 1:500-1000 IHC: 1:200-500



WB (Western Blot)

Dilution: WB: 1:500-1000 IHC: 1:200-500

ADDITIONAL INFORMATION

Related Product Information for anti-CALHM1 antibody	Pore-forming subunit of a voltage-gated ion channel required for sensory perception of sweet, bitter and umami tastes. Specifically present in type II taste bud cells, where it plays a central role in sweet, bitter and umami taste perception by inducing ATP release from the cell, ATP acting as a neurotransmitter to activate afferent neural gustatory pathways. Acts both as a voltage-gated and calcium-activated ion channel: mediates neuronal excitability in response to changes in extracellular Ca (2+) concentration. Has poor ion selectivity and forms a wide pore (around 14 Angstroms) that mediates permeation of Ca (2+), Na (+) and K (+), as well as permeation of monovalent anions. Acts as an activator of the ERK1 and ERK2 cascade. Triggers endoplasmic reticulum stress by reducing the calcium content of the endoplasmic reticulum. May indirectly control amyloid precursor protein (APP) proteolysis and aggregated amyloid-beta (Abeta) peptides levels in a Ca (2+) dependent manner.
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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-immunohistochemistry-western-blot-elisa/293657>