
CALHM1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254218

Unit: 0.1 mg

Description:

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 (Aβ) 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 Aβ 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⁺.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: CALHM1; Calcium homeostasis modulator 1; FAM26C

Accession No.: NP_001001412

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human CALHM1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.