
Product Name: CACNA1F Rabbit Monoclonal Antibody**Catalog #: AMRe21200**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.2mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:1000-1:5000,FC 1:100-1:300
Molecular Weight	Calculated MW;;Observed MW:217kD

Antigen Information

Gene Name	CACNA1F;CACNAF1
Alternative Names	CACNA1F;CACNAF1;Voltage-dependent L-type calcium channel subunit alpha-1F ;Voltage-gated calcium channel subunit alpha Cav1.4;
Gene ID	778.0
SwissProt ID	O60840
Immunogen	Recombinant protein of human CACNA1F

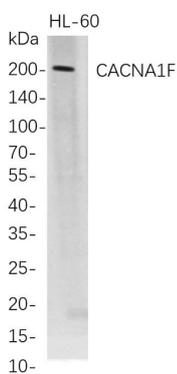
Background

Cell localization:Membrane; Multi-pass membrane protein..calcium voltage-gated channel subunit alpha1 F(CACNA1F) Homo sapiens This gene encodes a multipass transmembrane protein that functions as an alpha-1 subunit of the voltage-dependent

calcium channel, which mediates the influx of calcium ions into the cell. The encoded protein forms a complex of alpha-1, alpha-2/delta, beta, and gamma subunits in a 1:1:1:1 ratio. Mutations in this gene can cause X-linked eye disorders, including congenital stationary night blindness type 2A, cone-rod dystrophy, and Aland Island eye disease. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Aug 2013],

Research Area

Image Data



Western Blot analysis of HL-60 whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CACNA1F rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.