

Product Name: CACNA1F Rabbit Monoclonal Antibody
Catalog #: AMRe21200



Summary

Production Name	CACNA1F Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,Flow Cyt
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Purification	Protein A

Immunogen

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.

Application

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

Background

Cell localization:Membrane; Multi-pass membrane protein..calcium voltage-gated channel subunit alpha1 F(CACNA1F)

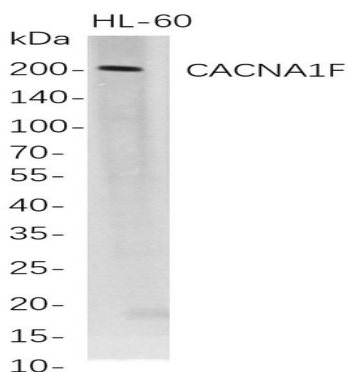
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Homo sapiens This gene encodes a multipass transmembrane protein that functions as an alpha-1 subunit of the voltage-dependent calcium channel, which mediates the influx of calcium ions into the cell. The encoded protein forms a complex of alpha-1, 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.

Note

For research use only.