

Rev. V1.1



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# **Recombinant CACNA1F Monoclonal Antibody**

catalog number: AN300743L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### Description

Reactivity Human

Immunogen Recombinant Human CACNA1F protein

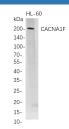
HostRabbitIsotype $IgG,\kappa$ CloneB682PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

**WB** 1:1000-5000

#### Data



Western Blot with Recombinant CACNA1F Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: HL-60 whole cell lysate.

## Observed-MW:217 kDa

## **Preparation & Storage**

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

#### **Background**

CACNA1F(calcium voltage-gated channel subunit alpha1 F) 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 dystropy, and Aland Island eye disease. Alternatively spliced transcript variants encoding multiple isoforms have been observed.

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