
EFCAB4B Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254380

Unit: 0.1 mg

Description:

EFCAB4B, also known as Calcium release-activated calcium channel regulator 2A, is a novel Ca²⁺-binding EF-hand protein that is thought to play a key role in store-operated Ca²⁺ entry in T-cells by regulating CRAC channel activation. EFCAB4B acts as a cytoplasmic calcium-sensor that forms a complex with ORAI1 and STIM1 at the junctional regions between the plasma membrane and the endoplasmic reticulum upon low Ca²⁺ concentration. A closely related protein, EFCAB4A, is likely to play a similar role as EFCAB4B, but the detailed function of EFCAB4A is still under investigation.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M

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: EFCAB4B; EF-hand calcium binding domain 4B; Calcium release-activated calcium channel regulator 2; CRACR2A

Accession No.: NP_116069

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human EFCAB4B.

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

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.