
ORAI2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253717

Unit: 0.1 mg

Description:

Antigen stimulation of immune cells triggers Ca⁺⁺ entry through Ca⁺⁺ release-activated Ca⁺⁺ (CRAC) channels. ORAI2 is one of two mammalian homologs to ORAI1, a recently identified four-transmembrane spanning protein that is an essential component of CRAC. Like ORAI1, ORAI2 has been shown to function as a highly selective Ca⁺⁺ plasma membrane channel that is gated through interactions with STIM1, the store-activated endoplasmic reticulum Ca⁺⁺ sensor, although at a lesser efficacy than ORAI1. This antibody is predicted to have no cross-reactivity to ORAI1 or ORAI3.

Isotype: Rabbit Ig

Applications: E, WB, ICC

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: ORAI2; Transmembrane protein 142B; TMEM142B; Calcium release-activated calcium channel protein 2

Accession No.: Q96SN7

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human ORAI2.

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