

# **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

#### **ORAI1-L2 PAB**

### Orai1-L2 Polyclonal Antibody

Cat. #: 21002

Gene Symbol: Orail

**Description:** Anti-Orail-L2 Rabbit Polyclonal Antibody

**Background:** Store-operated calcium channels (SOCs) play essential functions in various physiological processes. Orail (also named CRACMI) is a critical molecular component of SOCs. Orail protein is a ~35 kDa plasma membrane protein with 4 transmembrane domains. Human patients with a severe combined immunodeficiency (SCID) syndrome possess point mutations in Orail gene.

**Immunogen:** A peptide from the extracellular loop 2 region of human Orail

**Applications:** ELISA, WB **Recommended Dilutions:** 

ELISA: 1:1000-1:5000, WB: 1:1000-1:2000, IHC: 1:100-1:200

**Concentration:** 

**Host Species:** Rabbit

Format: Liquid

**Clonality:** Polyclonal

Isotype: IgG

**Purity:** Immunogen affinity purified Preservative: 0.01% sodium azide

Constituents: 50mM NaHCO<sub>3</sub>-Glycine, 0.15M NaCl,, pH7.4

Species Reactivity: Orail-L2 antibody recognizes Orail from human.

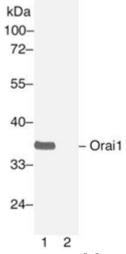
Storage Conditions: Store at -20°C. Avoid repeated freezing and thawing



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### Western blot analysis of Orail protein.

Human Orail plasmid DNA was transiently transfected into HEK-293 cells. Whole-cell lysate was used for western blot in the absence (A) or presence (B) of antigen peptide.