

## ORAI1-L1 PAB

### Orail-L1 Polyclonal Antibody

**Cat. #:** 21001

**Gene Symbol:** Orail

**Description:** Anti-Orail-L1 Rabbit Polyclonal Antibody

**Background:** Store-operated calcium channels (SOCs) play essential functions in various physiological processes. Orail (also named CRACM1) 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 1 region of human Orail

**Applications:** ELISA, WB, IHC

**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

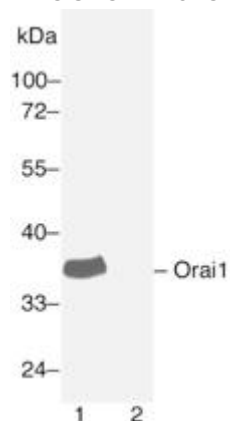
**Preservative:** No

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

**Species Reactivity:** Orail-L1 antibody recognizes Orail from human and mouse. It may also recognize Orail2 and Orail3.

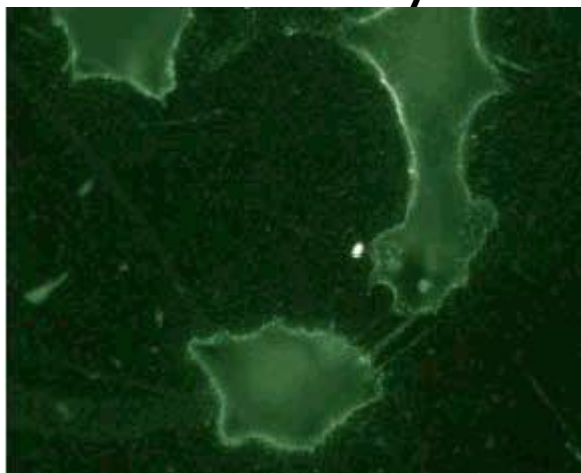
**Storage Conditions:** Store at -20°C. Avoid repeated freezing and thawing

## Western blot:



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 (lane 1) or presence (lane 2) of antigen peptide.

## Immunohistochemistry:



Immunohistochemistry of endogenous Orail in NIH3T3 cells showing the plasma membrane staining.