

## ORAI1

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**33kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human ORAI1

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

IMD9; TAM2; ORAT1; CRACM1; TMEM142A

**Catalog #:**A10953

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**84876

**Isotype:**IgG

**Swiss Prot:**Q96D31

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is a membrane calcium channel subunit that is activated by the calcium sensor STIM1 when calcium stores are depleted. This type of channel is the primary way for calcium influx into T-cells. Defects in this gene are a cause of immune dysfunction with T-cell inactivation due to calcium entry defect type 1 (IDTICED1).

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