

Orai1

Reactivity: Human Mouse Rat Zebrafish

Tested applications: WB IF

Recommended Dilution: WB 1:200 - 1:2000 IF 1:10 - 1:100

Calculated MW: 33kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human Orai1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

IMD9; TAM2; ORAT1; CRACM1; TMEM142A;

Catalog #: A7412

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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