

ARG64804 anti-ORAI1 / CRACM1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ORAI1 / CRACM1
Tested Reactivity	Hu
Predict Reactivity	Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ORAI1 / CRACM1
Species	Human
Immunogen	C-KKQPGQPRPTSKP
Conjugation	Un-conjugated
Alternate Names	Protein orai-1; CRACM1; Transmembrane protein 142A; IMD9; ORAT1; Calcium release-activated calcium channel protein 1; TAM2; TMEM142A

Application Instructions

Application table	Application	Dilution
	WB	0.03 - 0.1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 84876 Human Swiss-port # Q96D31 Human
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). [provided by RefSeq, Sep 2011]
Research Area	Immune System antibody; Signaling Transduction antibody
Calculated Mw	33 kDa
PTM	N-glycosylated. Ubiquitinated. Cys-195 is oxidated, leading to inactivate channel activity.

Images



ARG64804 anti-ORAI1 / CRACM1 antibody WB image

Western Blot: Human Placenta lysate (35 µg protein in RIPA buffer) stained with ARG64804 anti-ORAI1 / CRACM1 antibody at 0.03 µg/ml dilution.



ARG64804 anti-ORAI1 / CRACM1 antibody WB image

Western blot: 35 µg of Human skin lysate (in RIPA buffer) stained with ARG64804 anti-ORAI1 / CRACM1 antibody at 0.1 µg/ml dilution and incubated at RT for 1 hour.