

Rabbit anti-Human, Mouse ORAI2 Polyclonal Antibody | anti-ORAI2 antibody

ORAI2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39622	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

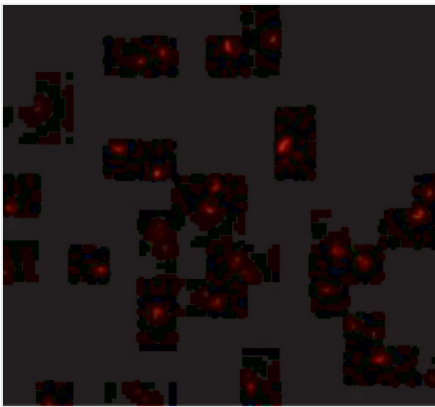
PRODUCT SYNONYMS

ORAI2; Polyclonal Antibody; ORAI2 Antibody; CBCIP2; C7orf19; MEM142B; TMEM142B; PP1729; Protein orai-2; CAP-binding protein complex-interacting protein 2; ORAI calcium release-activated calcium modulator 2; anti-ORAI2 antibody

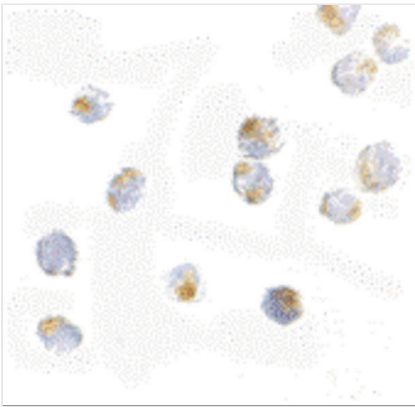
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	ORAI2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	254
Applicable Applications for anti-ORAI2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ORAI2 antibody was raised against a 15 amino acid synthetic peptide from near the carboxy terminus of human ORAI2.
Buffer	ORAI2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ORAI2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

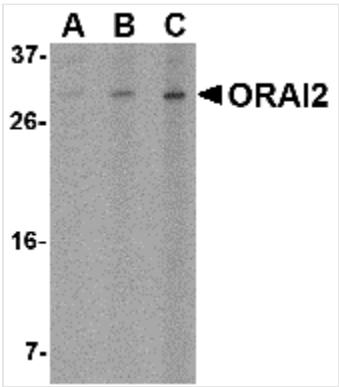
IMAGES



IF (Immunofluorescence)
Immunofluorescence of ORAI2 in Jurkat cells with ORAI2 antibody at 20 μg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of ORAI2 in Jurkat cells with ORAI2 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of ORAI2 in Jurkat cell lysate with ORAI2 antibody at (A) 1, (B) 2 and (C) 4 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ORAI2 antibody	ORAI2 Antibody: Antigen stimulation of immune cells triggers Ca++ entry through Ca++ release-activated Ca++ (CRAC) channels. ORAI2 is one of two mammalian homologs to ORAI1, a recently identified four-transmembrane spanning protein that is an essential component of CRAC. Like ORAI1, ORAI2 has been shown to function as a highly selective Ca++ plasma membrane channel that is gated through interactions with STIM1, the store-activated endoplasmic reticulum Ca++ sensor, although at a lesser efficacy than ORAI1. This antibody is predicted to have no cross-reactivity to ORAI1 or ORAI3.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74732728
NCBI GeneID	80228
UniProt Accession #	Q96SN7; Q6IA68; Q8WY94; Q9H9Y3
Molecular Weight	28,570 Da
NCBI Official Full Name	Protein orai-2
NCBI Official Synonym Full Names	ORAI calcium release-activated calcium modulator 2
NCBI Official Symbol	ORAI2
NCBI Official Synonym Symbols	CBCIP2; C7orf19; MEM142B; TMEM142B
NCBI Protein Information	protein orai-2; H_NH0514P08.8; putative protein ORAI2-2; transmembrane protein 142B; CAP-binding protein complex interacting protein 2; CAP-binding protein complex-interacting protein 2

UniProt Protein Name	Protein orai-2
UniProt Gene Name	ORAI2
UniProt Synonym Gene Names	C7orf19; CBCIP2; TMEM142B
UniProt Entry Name	ORA12_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/orai2-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39622>