

Rabbit ORAI1 Polyclonal Antibody | anti-ORAI1 antibody

ORAI1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200066	Rabbit	Tested Reactivity: Human Predicted Reactivity: Human, Rat, Cow, Dog, Horse, Pig, Rabbit, Yeast	Western Blot

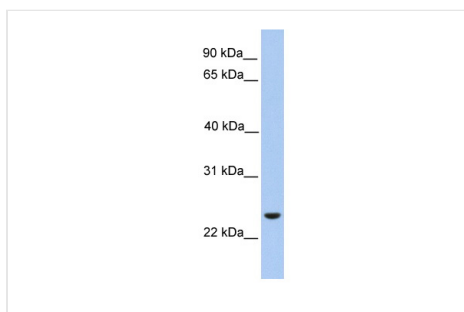
PRODUCT SYNONYMS

ORAI1; Polyclonal Antibody; ORAI1 antibody - middle region; anti-ORAI1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Reactivity: Human Predicted Reactivity: Human, Rat, Cow, Dog, Horse, Pig, Rabbit, Yeast
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	IGTLLFLAEV VLLCWVKFLP LKKQPGQPRP TSKPPASGAA ANVSTSGITP
Applicable Applications for anti-ORAI1 antibody	WB (Western Blot)
Protein Size (# AA)	301 amino acids
Protein Interactions	UBQLN1; UBC; TRPC3; TRPC6;
Blocking Peptide	For anti-ORAI1 antibody is Catalog # immunogen is a synthetic peptide directed towards the middle region of human ORAI1
Predicted Homology	Cow: 93%; Dog: 100%; Horse: 93%; Human: 100%; Pig: 100%; Rabbit: 100%; Rat: 86%; Yeast: 77%
Replacement Item	This antibody may replace item sc-377281 from Santa Cruz Biotechnology.
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-ORAI1 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-ORAI1 antibody	This is a rabbit polyclonal antibody against ORAI1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ORAI1 belongs to the Orai family. ORAI1 (CRACM1) is a plasma membrane protein essential for store-operated calcium entry. Defects in ORAI1 are a cause of severe combined immunodeficiency with CRAC channel dysfunction (CRAC-SCID).CRACM1 is a plasma membrane protein essential for store-operated calcium entry (Vig et al., 2006 [PubMed 16645049]).[supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-331 BC075831.1 1-331 332-844 BC013386.1 220-732 845-990 BC075831.1 845-990 991-1490 BG574128.1 52-551 1491-1496 AK027372.1 1235-1240
Product Categories/Family for anti-ORAI1 antibody	Polyclonal; Membrane Protein; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	38016943
NCBI GeneID	84876
NCBI Accession #	NP_116179
NCBI GenBank Nucleotide #	NM_032790
UniProt Accession #	Q96D31
Molecular Weight	33kDa
NCBI Official Full Name	calcium release-activated calcium channel protein 1
NCBI Official Synonym Full Names	ORAI calcium release-activated calcium modulator 1
NCBI Official Symbol	ORAI1
NCBI Official Synonym Symbols	IMD9; TAM2; ORAT1; CRACM1; TMEM142A
NCBI Protein Information	calcium release-activated calcium channel protein 1
UniProt Protein Name	Calcium release-activated calcium channel protein 1
UniProt Gene Name	ORAI1
UniProt Synonym Gene Names	CRACM1; TMEM142A
UniProt Entry Name	CRCM1_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.