

Rabbit ORAI1 Polyclonal Antibody | anti-ORAI1 antibody

ORAI1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285331	Rabbit	Human, mouse (Predicted Reactivity: Chicken, Zebrafish, Rat)	Western Blot, Immunohistochemistry, ELISA

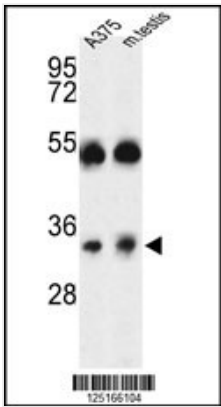
PRODUCT SYNONYMS

ORAI1; Polyclonal Antibody; ORAI1 Antibody (Center); Calcium release-activated calcium channel protein 1; Protein orai-1; Transmembrane protein 142A; CRACM1; TMEM142A; anti-ORAI1 antibody

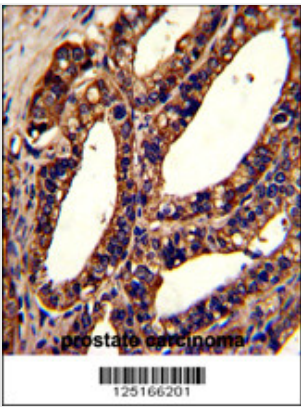
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Chicken, Zebrafish, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ORAI1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 145-173 amino acids from the Central region of human ORAI1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	145-173
Sequence Length	231
Applicable Applications for anti-ORAI1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of ORAI1 Antibody (Center) in A375 cell line and mouse testis tissue lysates (35ug/lane). ORAI1 (arrow) was detected using the purified Pab.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with ORAI1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-ORAI1 antibody	ORAI1 is a plasma membrane protein essential for store-operated calcium entry.
Product Categories/Family for anti-ORAI1 antibody	Immunology ; Signal Transduction
References	Zhou,Y. Proc. Natl. Acad. Sci. U.S.A. 107 (11), 4896-4901 (2010) Calloway,N. Biochemistry 49 (6), 1067-1071 (2010) McCarl,C.A. J. Allergy Clin. Immunol. 124 (6), 1311-1318 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	38016943
NCBI GeneID	84876
NCBI Accession #	NP_116179.2
NCBI GenBank Nucleotide #	NM_032790.3
UniProt Accession #	Q96D31 ; Q3MHV3 ; Q6DHX2 ; Q96BP7 ; Q96K71
Molecular Weight	32668
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/orai1-antibody-western-blot-immunohistochemistry-elisa/285331>