

Rabbit anti-Human ORAI1 Polyclonal Antibody | anti-ORAI1 antibody

ORAI1 Antibody

CATALOG # AAA303961	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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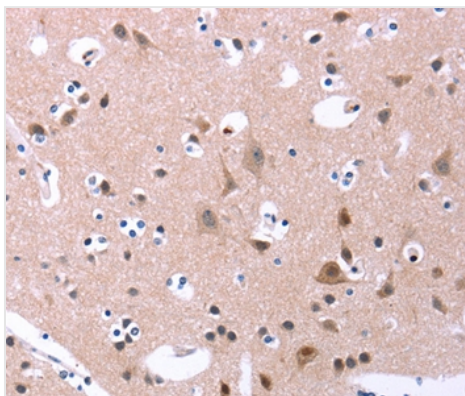
PRODUCT SYNONYMS

ORAI1; Polyclonal Antibody; ORAI1 Antibody; IMD9; ORAT1; CRACM1; TMEM142A; anti-ORAI1 antibody

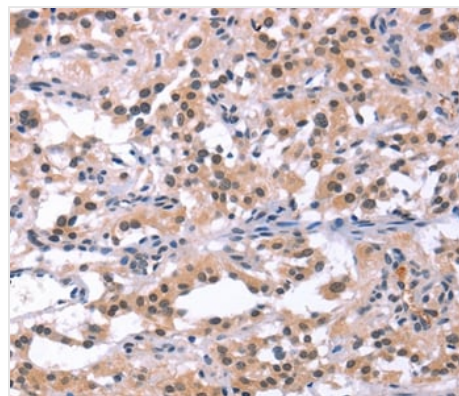
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ORAI1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.6 mg/ml (varies by lot)
Sequence Length	301
Applicable Applications for anti-ORAI1 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human ORAI calcium release-activated calcium modulator 1
Target Name	ORAI1
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/25.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/25.

ADDITIONAL INFORMATION

Related Product Information for anti-ORAI1 antibody	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).
Product Categories/Family for anti-ORAI1 antibody	Total protein Ab

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	25,337 Da
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.