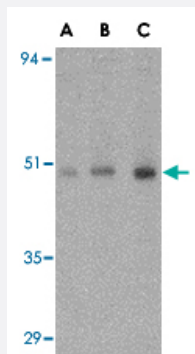


ORAI1 polyclonal antibody

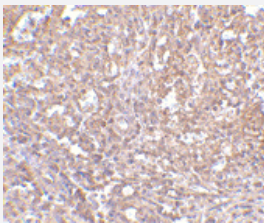
Catalog # PAB13282 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of ORAI1 in human ovary tissue lysate with ORAI1 polyclonal antibody (Cat # PAB13282) at (A) 0.5, (B) 1 and (C) 2 ug/mL .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of ORAI1 in human spleen tissue with ORAI1 polyclonal antibody (Cat # PAB13282) at 2.5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ORAI1.
Immunogen	A synthetic peptide corresponding to C-terminus 16 amino acids of human ORAI1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of ORAI1 in human ovary tissue lysate with ORAI1 polyclonal antibody (Cat # PAB13282) at (A) 0.5, (B) 1 and (C) 2 ug/mL .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of ORAI1 in human spleen tissue with ORAI1 polyclonal antibody (Cat # PAB13282) at 2.5 ug/mL .

Gene Info — ORAI1

Entrez GeneID	84876
Protein Accession#	Q96D31
Gene Name	ORAI1
Gene Alias	CRACM1, FLJ14466, ORAT1, TMEM142A
Gene Description	ORAI calcium release-activated calcium modulator 1
Omim ID	610277
Gene Ontology	Hyperlink
Gene Summary	CRACM1 is a plasma membrane protein essential for store-operated calcium entry (Vig et al., 2006 [PubMed 16645049]).[supplied by OMIM]
Other Designations	calcium release-activated calcium channel protein 1 calcium release-activated calcium modulator 1 transmembrane protein 142A

Publication Reference

- [Calcium signals mediated by STIM and Orai proteins--a new paradigm in inter-organelle communication.](#)

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- [Coronavirus replication and pathogenesis: Implications for the recent outbreak of severe acute respiratory syndrome \(SARS\), and the challenge for vaccine development.](#)

Navas-Martin SR, Weiss S.

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- [Calcium signaling mechanisms in T lymphocytes.](#)

Lewis RS.

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