

ORAI3 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17188a

Specification

ORAI3 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9BRQ5
Other Accession	NP_689501.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	31499
Antigen Region	1-30

ORAI3 Antibody (N-term) - Additional Information

Gene ID 93129

Other Names

Protein orai-3, Transmembrane protein 142C, ORAI3, TMEM142C

Target/Specificity

This ORAI3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ORAI3.

Dilution

WB~~1:1000

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ORAI3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ORAI3 Antibody (N-term) - Protein Information

Name ORAI3

Synonyms TMEM142C

Function Ca(2+) release-activated Ca(2+)-like (CRAC-like) channel subunit which mediates Ca(2+) influx and increase in Ca(2+)-selective current by synergy with the Ca(2+) sensor, STIM1.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

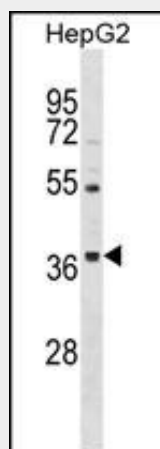
Expressed in both naive and effector T helper cells with higher levels in effector cells.

ORAI3 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ORAI3 Antibody (N-term) - Images



ORAI3 Antibody (N-term) (Cat. #AP17188a) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the ORAI3 antibody detected the ORAI3 protein (arrow).

ORAI3 Antibody (N-term) - Background

Key regulator or component of store-operated Ca(2+) channel and transcription factor NFAT nuclear import (By similarity).

ORAI3 Antibody (N-term) - References

Motiani, R.K., et al. J. Biol. Chem. 285(25):19173-19183(2010)
Bogeski, I., et al. Sci Signal 3 (115), RA24 (2010) :
Schindl, R., et al. Proc. Natl. Acad. Sci. U.S.A. 106(46):19623-19628(2009)
Lee, K.P., et al. Proc. Natl. Acad. Sci. U.S.A. 106(34):14687-14692(2009)
Frischauf, I., et al. J. Biol. Chem. 284(32):21696-21706(2009)