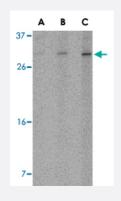


ORAI2 polyclonal antibody

Catalog # PAB12991 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of ORAl2 in Jurkat cell lysate with ORAl2 polyclonal antibody (Cat # PAB12991) at (A) 1, (B) 2 and (C) 4 ug/mL.

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Immunocytochemistry

Immunocytochemistry of ORAl2 in Jurkat cells with ORAl2 polyclonal antibody (Cat # PAB12991) at 5 ug/mL .

Specification	
Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ORAI2.
Immunogen	A synthetic peptide corresponding to C-terminus 15 amino acids of human ORAI2.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

😵 Abnova

Product Information

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 shoul d be handled by trained staff only.

Applications

• Western Blot (Cell lysate)

Western blot analysis of ORAI2 in Jurkat cell lysate with ORAI2 polyclonal antibody (Cat # PAB12991) at (A) 1, (B) 2 and (C) 4 ug/mL.

Immunocytochemistry

Immunocytochemistry of ORAI2 in Jurkat cells with ORAI2 polyclonal antibody (Cat # PAB12991) at 5 ug/mL .

Gene Info — ORAI2

Entrez GenelD	80228
Protein Accession#	<u>Q96SN7</u>
Gene Name	ORAI2
Gene Alias	C7orf19, CBCIP2, FLJ12474, FLJ14733, FLJ44818, TMEM142B
Gene Description	ORAI calcium release-activated calcium modulator 2
Omim ID	<u>610929</u>
Gene Ontology	Hyperlink
Other Designations	CAP-binding protein complex interacting protein 2 H_NH0514P08.8 transmembrane protein 142 B

Publication Reference



• Large store-operated calcium selective currents due to co-expression of Orai1 or Orai2 with the intracellular calcium sensor, Stim1.

Mercer JC, Dehaven WI, Smyth JT, Wedel B, Boyles RR, Bird GS, Putney JW Jr.

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• <u>Coronavirus replication and pathogenesis: Implications for the recent outbreak of severe acute respiratory</u> 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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