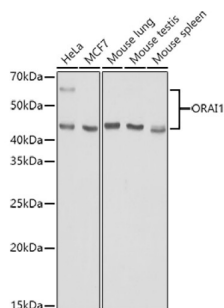
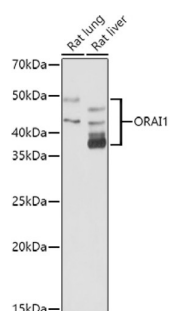


Calcium Release-Activated Calcium Channel Protein 1 (ORAI1) Antibody

Catalogue No.: abx005529



Western blot analysis of extracts of various cell lines using ORAI1 Antibody (1/1000 dilution).



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ORAI1 Antibody is a Rabbit Polyclonal antibody against ORAI1. 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).

Target: Calcium Release-Activated Calcium Channel Protein 1 (ORAI1)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/200 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: A synthetic peptide corresponding to human ORAI1

Isotype: IgG

Datasheet

Version: 8.0.0
Revision date: 01 Oct 2025



Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q96D31 (UniProt , ExPASy)
Gene Symbol:	ORAI1
GeneID:	84876
OMIM:	610277
NCBI Accession:	NP_116179.2, NM_032790.3
HGNC:	25896
KEGG:	hsa:84876
Ensembl:	ENSG00000276045
String:	9606.ENSP00000480616
Molecular Weight:	Calculated MW: 25 kDa/32 kDa Observed MW: 32-55 kDa
Buffer:	PBS, pH 7.3, containing 0.01% thiomersal, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.