

Product Datasheet

Orai1 Antibody NBP1-06992

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 2

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NBP1-06992

Orai1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Orai1 Antibody (NBP1-06992) is a polyclonal antibody validated for use in WB and ELISA. Anti-Orai1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	84876
Gene Symbol	ORAI1
Species	Human
Immunogen	Peptide with sequence C-KKQPGQPRPTSKP corresponding to internal region according to NP_116179.2.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.03 - 0.1 ug/mL, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx. 50-55 kDa band observed in human liver and human placenta lysates is reported in scientific literature (PMID: 17702753).



Images

Western Blot: Orai1 Antibody [NBP1-06992] - Staining of human skin lysate (35 ug protein in RIPA buffer). Antibody at 0.1 ug/mL. Detected by chemiluminescence.



Western Blot: Orai1 Antibody [NBP1-06992] - Staining of Human Placenta lysate (35 ug protein in RIPA buffer). Antibody at 0.03 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Publications

Vig M, DeHaven WI, Bird GS et al. Defective mast cell effector functions in mice lacking the CRACM1 pore subunit of store-operated calcium release-activated calcium channels. *Nat Immunol* 2008-01-01 [PMID: 18059270]

Li Z, Lu J, Xu P et al. Mapping the interacting domains of STIM1 and Orai1 in Ca²⁺ release-activated Ca²⁺ channel activation. *J Biol Chem* 2007-10-01 [PMID: 17702753]



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Products Related to NBP1-06992

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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