

Product Datasheet

ORP1 Antibody NB100-1331

Unit Size: 0.1 mg

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

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NB100-1331

ORP1 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

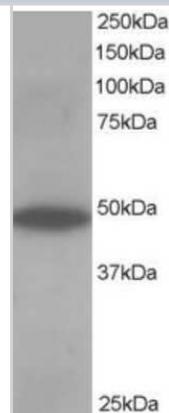
Product Description	
Host	Goat
Gene ID	114876
Gene Symbol	OSBPL1A
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 22241858).
Specificity/Sensitivity	This antibody is expected to recognise both reported human isoforms of this protein.
Immunogen	Peptide with sequence C-YWDRNYFNLDPDIY corresponding to C-Terminus according to NP_542164.2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.5-2 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	Western blot: Approx 48kDa band observed in Human Muscle lysate (predicted MW of 50kDa according to NP_060500). IHC: Paraffin embedded Human Brain (Cerebellum) and Human Skeletal Muscle.

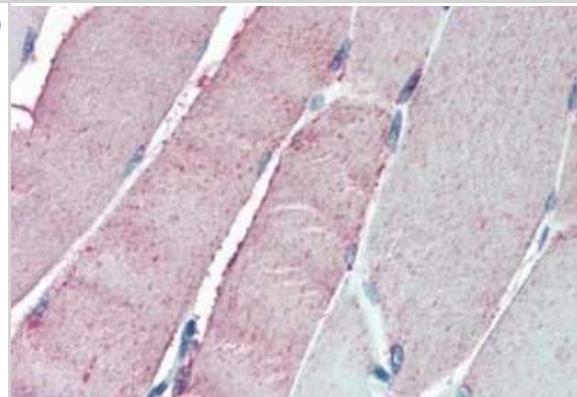


Images

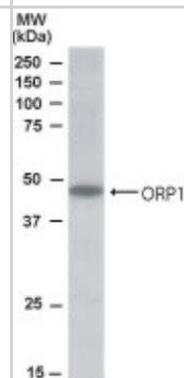
Western Blot: ORP1 Antibody [NB100-1331] - (0.5ug/ml) of Human Muscle lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.



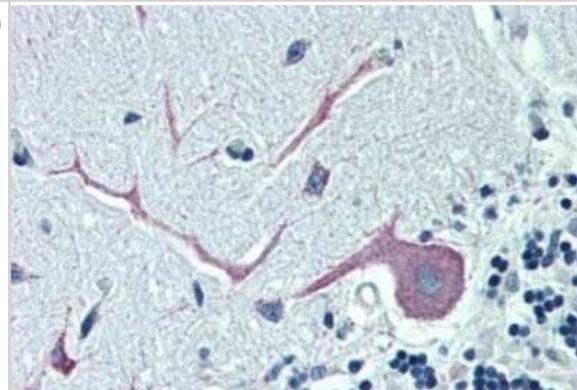
Immunohistochemistry-Paraffin: ORP1 Antibody [NB100-1331] - (5ug/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: ORP1 Antibody [NB100-1331] - Analysis of ORP1 in Human Muscle lysate using NB100-1331 at 0.5 ug/ ml. Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry-Paraffin: ORP1 Antibody [NB100-1331] - (5ug/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Lehto M, Laitinen S, Chinetti G et al. The OSBP-related protein family in humans. *J Lipid Res* 2001-08-01 [PMID: 11483621]

Shah, AH et al. Adenovirus RID{alpha} regulates endosome maturation by mimicking GTP-Rab7 *J Cell Biol* 2007-01-01 [PMID: 18039930] (WB)

Details:

This citation used the FITC version of this antibody.

Storey SM, McIntosh AL, Huang H et al. Intracellular cholesterol-binding proteins enhance HDL-mediated cholesterol uptake in cultured primary mouse hepatocytes *Am J Physiol Gastrointest Liver Physiol* 2012-04-15 [PMID: 22241858] (WB, Mouse)





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Products Related to NB100-1331

NB820-59253	Human Skeletal Muscle Whole Tissue Lysate (Adult Whole Normal)
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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