

Product Datasheet

OSBPL9 Antibody NB100-1336

Unit Size: 0.1 mg

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

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Publications: 2

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NB100-1336

OSBPL9 Antibody

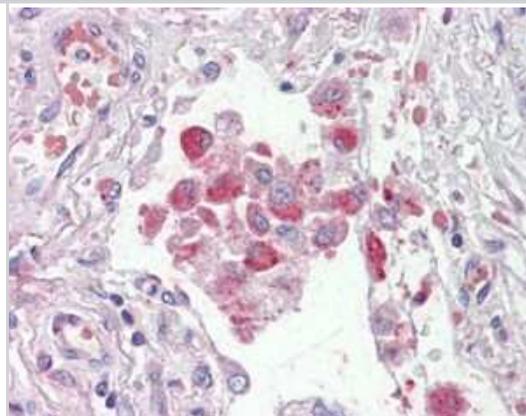
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat OSBPL9 Antibody (NB100-1336) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-OSBPL9 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	114883
Gene Symbol	OSBPL9
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 22241858).
Specificity/Sensitivity	This antibody is expected to recognise all six human isoforms (NP_078862.4; NP_683702.1; NP_683704.2; NP_683705.1; NP_683706.3; NP_683707.3). Reported variants represent identical protein (NP_683702.1; NP_683703.1).
Immunogen	Peptide with sequence C-EPLLKRLGAAKH corresponding to C-Terminus according to NP_078862.4, NP_683702.1, NP_683704.2, NP_683705.1, NP_683706.3, NP_683707.3.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 1:100 - 1:2000, Immunohistochemistry 2 - 4 ug/ml, Immunohistochemistry-Paraffin 2 - 4 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Preliminary experiments gave bands at approx. 150 kDa band and 19 kDa band in lysates of human brain, and testis and 55 kDa band in lysates of human placenta and testis after 0.5 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the different calculated sizes of the six reported isoforms (a: 62.5 kDa band for NP_683702.1 and NP_683703.1; b: 63.9 kDa band for NP_683704.1; c: 70.2 kDa band for NP_683705.1; d: 81.8 kDa band for NP_683706.1; e: 83.2 kDa band for NP_078862.2; f: 84.3 kDa band for NP_683707.1). All detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). IHC-P: Human Lung shows staining of alveolar macrophages..

Images

Immunohistochemistry-Paraffin: OSBPL9 Antibody [NB100-1336] - (2.5ug/ml) staining of paraffin embedded Human Lung. 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]

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 NB100-1336

NB820-59177	Human Brain Whole Tissue Lysate (Adult Whole Normal)
NB100-1336PEP	OSBPL9 Peptide
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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