

Product Datasheet

VPS45 Antibody NB100-2431

Unit Size: 0.1 mg

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

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Updated 10/23/2024 v.20.1

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NB100-2431

VPS45 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	11311
Gene Symbol	VPS45
Species	Human
Immunogen	Peptide with sequence C-FQKKKPKEQQKLES corresponding to internal region according to NP_009190.2.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.03 - 0.1 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 2.5 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 55 kDa band observed in human placenta lysates (calculated MW of 65.1 kDa band according to NP_009190.2). IHC: Paraffin embedded Human Spleen.

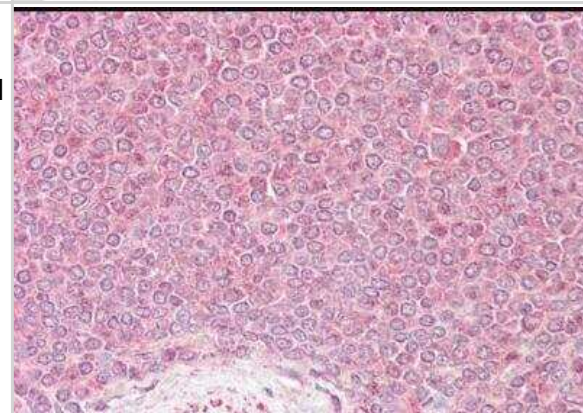


Images

Western Blot: VPS45 Antibody [NB100-2431] - (0.03ug/ml) staining of human placenta lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa

Immunohistochemistry-Paraffin: VPS45 Antibody [NB100-2431] - Staining of Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. taining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Bremner SK, Berends R, Kaupisch A et al. Phosphorylation of the N-terminus of Syntaxin-16 controls interaction with mVps45 and GLUT4 trafficking in adipocytes PeerJ 2023-07-24 [PMID: 37520260] (WB, ICC/IF, Mouse)

Nielsen E, Christoforidis S, Uttenweiler-Joseph S et al. Rabenosyn-5, a novel Rab5 effector, is complexed with hVPS45 and recruited to endosomes through a FYVE finger domain. J Cell Biol 2000-10-30 [PMID: 11062261]



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Products Related to NB100-2431

NB820-59248	Human Placenta 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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