

Product Datasheet

VDAC2 Antibody NB300-871

Unit Size: 0.1 mg

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

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NB300-871

VDAC2 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
Target Molecular Weight	31.6 kDa

Product Description	
Host	Goat
Gene ID	7417
Gene Symbol	VDAC2
Species	Human, Rat
Immunogen	Peptide with sequence C-GHKVGLALELEA corresponding to C-Terminus according to NP_003366.2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/mL, Immunohistochemistry, Immunohistochemistry-Paraffin 5 - 6 ug/ml, Peptide ELISA Detection limit 1:2000
Application Notes	WB: Approx 35 kDa band observed in Human Cerebellum lysates and in preliminary testing of CaCo-2 cell lysate (calculated MW of 31.6kDa according to Human NP_003366.2)



Images

Western Blot: VDAC2 Antibody [NB300-871] - Staining (1ug/ml) of Human Cerebellum lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

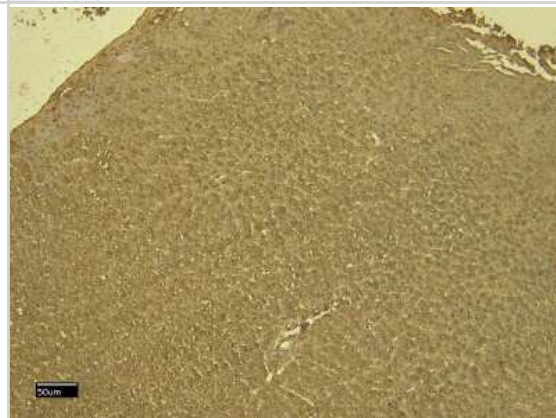
250kDa
150kDa
100kDa
75kDa

50kDa
37kDa

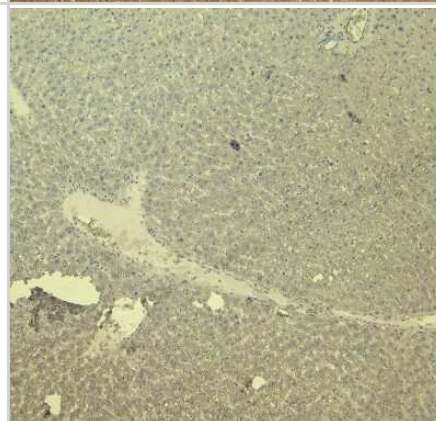
25kDa
20kDa

15kDa

Immunohistochemistry-Paraffin: VDAC2 Antibody [NB300-871] - Staining (6ug/ml) of paraffin embedded Rat Liver. Heat induced antigen retrieval with citrate buffer pH 6, HRP-Staining.



Immunohistochemistry-Paraffin: VDAC2 Antibody [NB300-871] - Negative Control showing staining of paraffin embedded Rat Liver, with no primary antibody.



Publications

Hoeffler CA, Dey A, Sachan N et al. The Down Syndrome Critical Region Protein RCAN1 Regulates Long-Term Potentiation Memory via Inhibition of Phosphatase Signaling. J Neurosci 2007-11-28 [PMID: 18045910]



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Products Related to NB300-871

NBL1-17709	VDAC2 Overexpression Lysate
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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