

Product Datasheet

Dimethylarginine Dimethylaminohydrolase 1/DDAH1 Antibody NB300-916

Unit Size: 0.1 mg

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

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Publications: 2

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NB300-916**Dimethylarginine Dimethylaminohydrolase 1/DDAH1 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

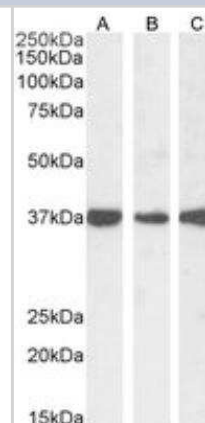
Description	Novus Biologicals Goat Dimethylarginine Dimethylaminohydrolase 1/DDAH1 Antibody (NB300-916) is a polyclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-Dimethylarginine Dimethylaminohydrolase 1/DDAH1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	23576
Gene Symbol	DDAH1
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_036269.1 and NP_001127917.1).
Immunogen	Peptide with sequence TCCSVLINKKVDS corresponding to C-Terminus according to NP_036269.1, NP_001127917.1.

Product Application Details

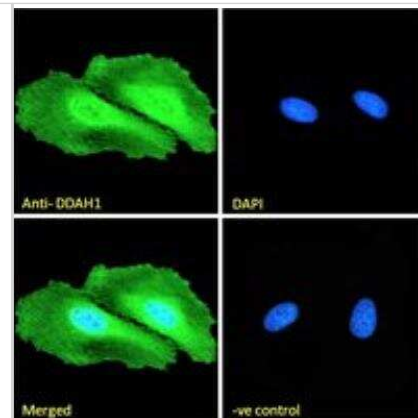
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/mL, Flow Cytometry 10 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:1000

Images

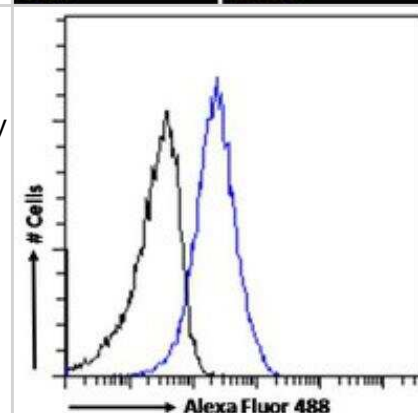
Western Blot: Dimethylarginine Dimethylaminohydrolase 1/DDAH1 Antibody [NB300-916] - Staining of Human Cerebellum (A), Kidney (B) and Testes (C) lysate (35 ug protein in RIPA buffer). Antibody at 0.3 ug/mL. Detected by chemiluminescence.



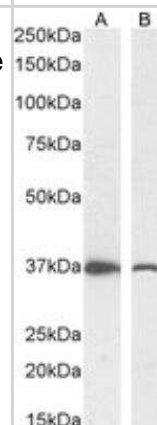
Immunocytochemistry/Immunofluorescence: Dimethylarginine Dimethylaminohydrolase 1/DDAH1 Antibody [NB300-916] - Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic, nuclear and plasma membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



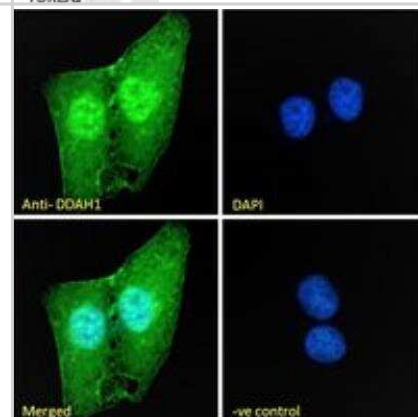
Flow Cytometry: Dimethylarginine Dimethylaminohydrolase 1/DDAH1 Antibody [NB300-916] - Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Western Blot: Dimethylarginine Dimethylaminohydrolase 1/DDAH1 Antibody [NB300-916] - Staining of HepG2 (A) and LNCaP (B) cell lysate (35 ug protein in RIPA buffer). Antibody at 0.3 ug/mL. Detected by chemiluminescence.



Dimethylarginine Dimethylaminohydrolase 1/DDAH1 Antibody [NB300-916] - Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Publications

Kimoto M, Miyatake S, Sasagawa T et al. Purification, cDNA cloning and expression of human NG,NG-dimethylarginine dimethylaminohydrolase. Eur J Biochem 1998-12-01 [PMID: 9874257]

Pullamsetti S, Kiss L, Ghofrani HA et al. Increased levels and reduced catabolism of asymmetric and symmetric dimethylarginines in pulmonary hypertension. FASEB J 2005-07-01 [PMID: 15827267]





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Products Related to NB300-916

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
NBP3-17013PEP	Dimethylarginine Dimethylaminohydrolase 1/DDAH1 Recombinant Protein Antigen

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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