

Product Datasheet

SDHB Antibody NB600-793

Unit Size: 0.1 mg

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

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NB600-793

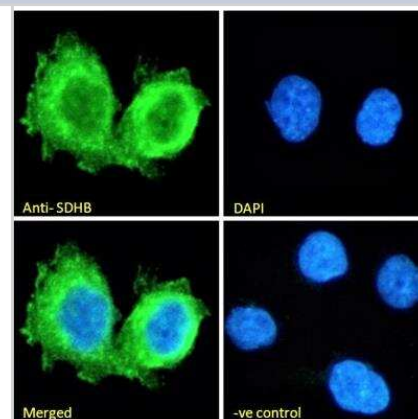
SDHB Antibody

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	6390
Gene Symbol	SDHB
Species	Human
Marker	Mitochondria Marker
Immunogen	Peptide with sequence C-ATYKEKKASV corresponding to C-Terminus according to NP_002991.2.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA, Control
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Flow Cytometry 10 ug/ml, Immunohistochemistry 6.0 - 8.0 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 6.0 - 8.0 ug/ml, Peptide ELISA Detection limit 1:8000, Control
Application Notes	Western blot: Approx 28-30kDa band observed in lysates of cell lines HEK293, Jurkat and HeLa (calculated MW of 31.6kDa according to NP_002991.2). Recommended concentration: 0.1-0.3ug/ml. Primary incubation 1 hour at room temperature.

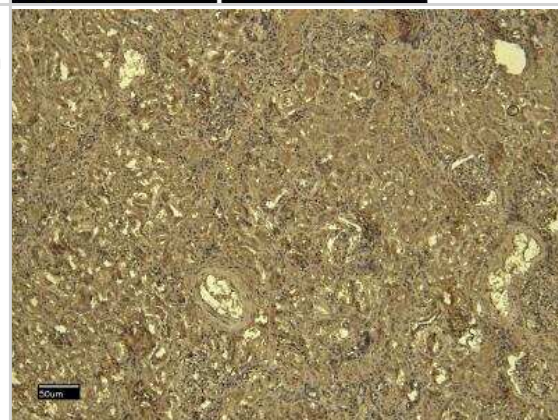


Images

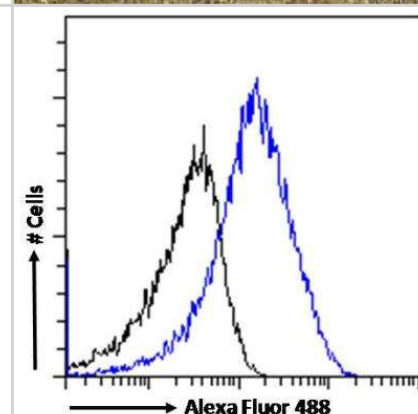
Immunocytochemistry/Immunofluorescence: SDHB Antibody [NB600-793] - Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing plasma membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



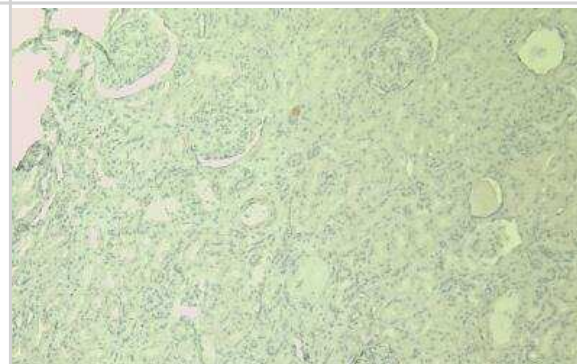
Immunohistochemistry: SDHB Antibody [NB600-793] - (6ug/ml) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



Flow Cytometry: SDHB Antibody [NB600-793] - Flow cytometric analysis of paraformaldehyde fixed A431 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.



Control: SDHB Antibody [NB600-793] - Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.



Publications

Selak MA, Armour SM, MacKenzie ED et al. Succinate links TCA cycle dysfunction to oncogenesis by inhibiting HIF-alpha prolyl hydroxylase. Cancer Cell 2005-01-01 [PMID: 15652751]



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Products Related to NB600-793

NB820-59232	Human Liver 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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