

Product Datasheet

BDH2 Antibody - BSA Free NBP2-32713

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-32713

BDH2 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

Description	Novus Biologicals Rabbit BDH2 Antibody - BSA Free (NBP2-32713) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	56898
Gene Symbol	BDH2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (89%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: EGAKVIATDINESKLQELEKYPGIQTRVLDVTKKKQIDQFANEVERLDVLFNVAG FVHHGTVLDCEEKDWDFS

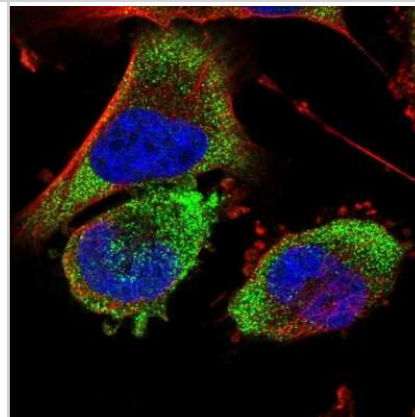
Product Application Details

Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

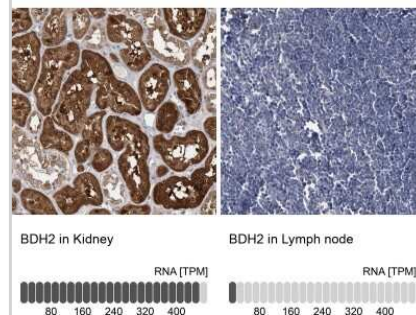


Images

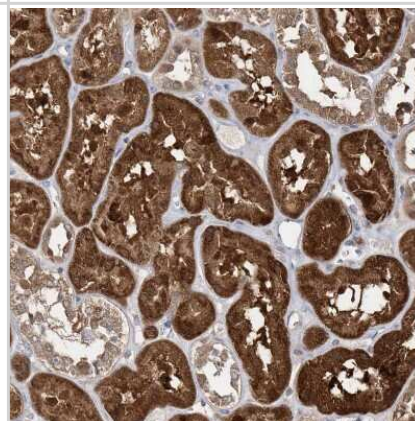
Immunocytochemistry/Immunofluorescence: BDH2 Antibody [NBP2-32713] - Staining of human cell line U-251 MG shows localization to cytosol. Antibody staining is shown in green.



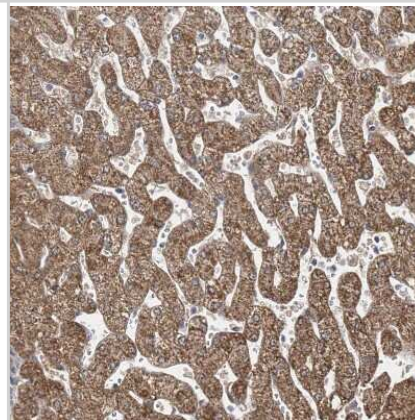
Immunohistochemistry-Paraffin: BDH2 Antibody [NBP2-32713] - Analysis in human kidney and lymph node tissues using NBP2-32713 antibody. Corresponding BDH2 RNA-seq data are presented for the same tissues.



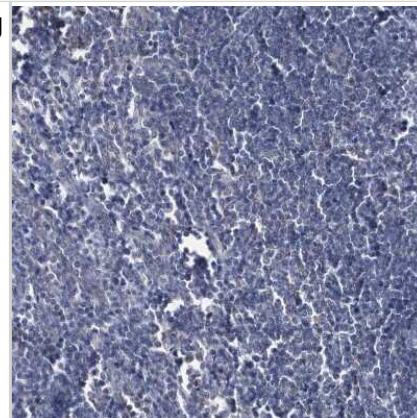
Immunohistochemistry-Paraffin: BDH2 Antibody [NBP2-32713] - Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



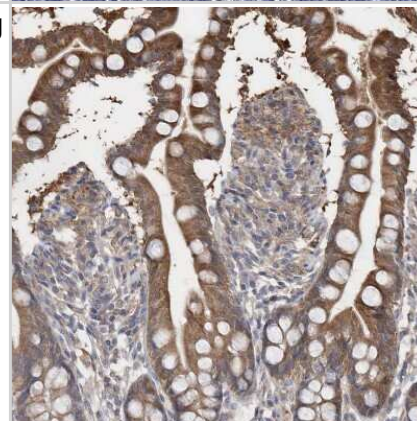
Immunohistochemistry-Paraffin: BDH2 Antibody [NBP2-32713] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: BDH2 Antibody [NBP2-32713] - Staining of human lymph node shows no positivity in non-germinal center cells as expected.



Immunohistochemistry-Paraffin: BDH2 Antibody [NBP2-32713] - Staining of human small intestine shows moderate cytoplasmic positivity in glandular cells.



Publications

Rizzollo F, Escamilla-Ayala A, Fattorelli N et al. BDH2-driven lysosome-to-mitochondria iron transfer shapes ferroptosis vulnerability of the melanoma cell states Nature metabolism 2025-09-16 [PMID: 40957995]



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Products Related to NBP2-32713

NBP2-32713PEP	BDH2 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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