

Product Datasheet

HMBS Antibody - BSA Free

NBP2-33600

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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Publications: 2

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Updated 12/2/2025 v.20.1

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NBP2-33600

HMBS 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

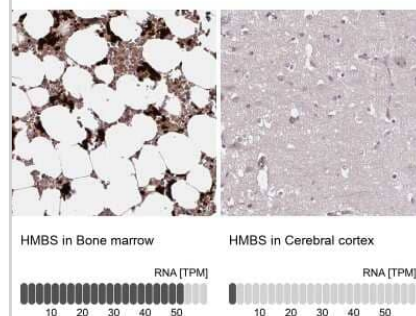
Product Description	
Description	Novus Biologicals Rabbit HMBS Antibody - BSA Free (NBP2-33600) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-HMBS Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3145
Gene Symbol	HMBS
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 30297912)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: EFSAILLATAGLQRMGWHNRVGGILHPEECMYAVGQGALGVEVRAKDQDILD VGVLHDPETLLRCIAERAFLRHLEGGCSVPVAVHTAMKDGQLYLTGGVWSLDG SDSIQETMQATIHVPAQHEHEDGPEDDPQLV

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, 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.

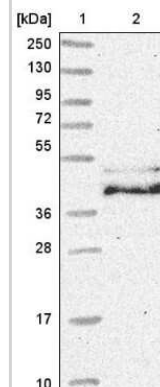


Images

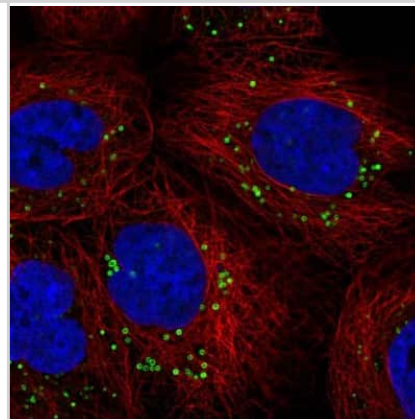
Immunohistochemistry-Paraffin: HMBS Antibody [NBP2-33600] - Staining in human bone marrow and cerebral cortex tissues using anti-HMBS antibody. Corresponding HMBS RNA-seq data are presented for the same tissues.



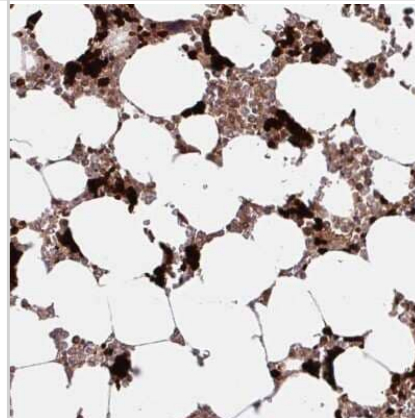
Western Blot: HMBS Antibody [NBP2-33600] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10
Lane 2: Human cell line RT-4



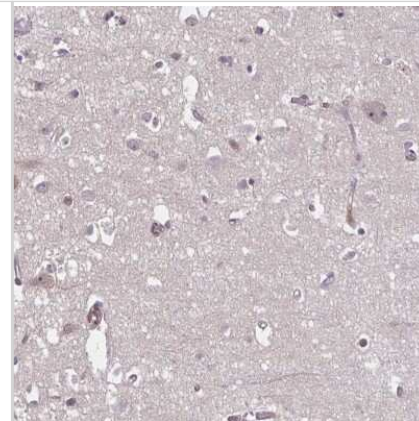
Immunocytochemistry/Immunofluorescence: HMBS Antibody [NBP2-33600] - Staining of human cell line A-431 shows localization to lipid droplets.



Immunohistochemistry-Paraffin: HMBS Antibody [NBP2-33600] - Staining of human bone marrow shows high expression.



Immunohistochemistry-Paraffin: HMBS Antibody [NBP2-33600] - Staining of human cerebral cortex shows low expression as expected.



Publications

COrdoba KM, Serrano-Mendioroz I, Jerico D et al. Recombinant porphobilinogen deaminase targeted to the liver corrects enzymopenia in a mouse model of acute intermittent porphyria *Science translational medicine* 2022-01-12 [PMID: 35020410] (IF/IHC)

Jiang L, Berraondo P, Jerico D et al. Systemic messenger RNA as an etiological treatment for acute intermittent porphyria. *Nat. Med.* 2018-10-08 [PMID: 30297912] (IF/IHC, Mouse)



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Products Related to NBP2-33600

NBP2-33600PEP	HMBS Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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