

Product Datasheet

PHD4/HIF Prolyl Hydroxylase 4 Antibody - BSA Free NBP1-83989

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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Updated 12/2/2025 v.20.1

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NBP1-83989**PHD4/HIF Prolyl Hydroxylase 4 Antibody - BSA Free**

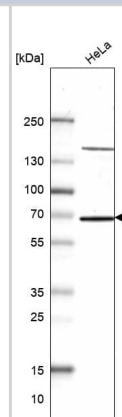
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit PHD4/HIF Prolyl Hydroxylase 4 Antibody - BSA Free (NBP1-83989) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	54681
Gene Symbol	P4HTM
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (86%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KADPDGDGVLSQLQEFNSMDLRDFHKYMRSHKAESSELVRNSHHTWLYQGEG AHHIMRAIRQRVLRRLRLSPEIVELSEPLQVVRYGEGGHYHAHVDSGPVYPETI CSHTKLVANESVPFETSCRQVSPNWGLPSILRPGTP

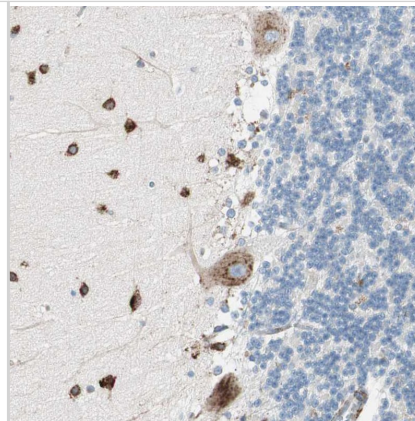
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

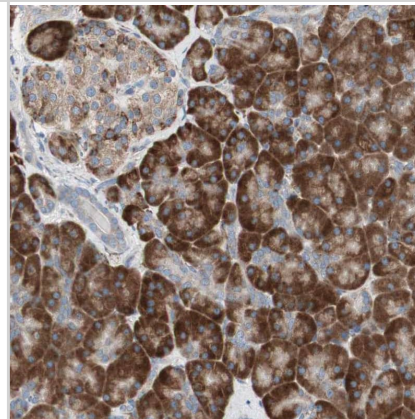
Analysis in human cell line HeLa.



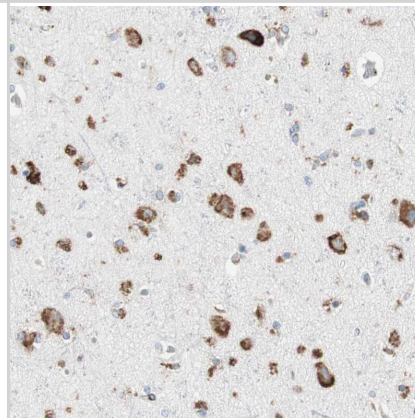
Staining of human cerebellum shows strong cytoplasmic/membranous granular positivity in Purkinje cells and molecular layer cells.



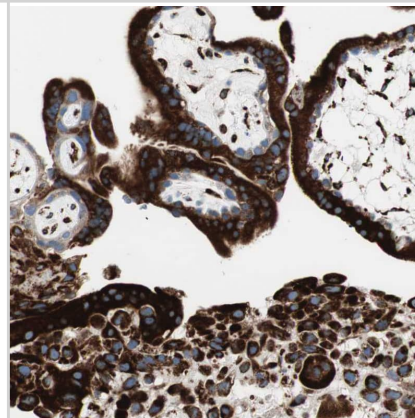
Staining of human pancreas shows strong cytoplasmic/membranous positivity in exocrine glandular cells and moderate cytoplasmic/membranous positivity in endocrine glandular cells.



Staining of human cerebral cortex shows strong cytoplasmic membranous/granular positivity in neurons.



Staining of human placenta shows strong cytoplasmic/membranous positivity in trophoblastic cells and decidual cells.





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Products Related to NBP1-83989

NBP1-83989PEP	PHD4/HIF Prolyl Hydroxylase 4 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.

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