

Product Datasheet

Plexin A4 Antibody - BSA Free NBP1-85128

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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NBP1-85128

Plexin A4 Antibody - BSA Free

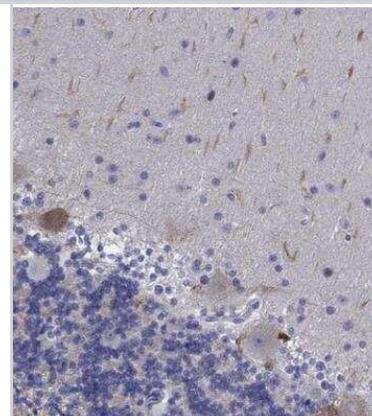
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Plexin A4 Antibody - BSA Free (NBP1-85128) is a polyclonal antibody validated for use in IHC and WB. Anti-Plexin A4 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	91584
Gene Symbol	PLXNA4
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 30735130).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SHVKVAGVECSPLVDGYIPAEQIVCEMGEAKPSQHAGFVEICVAVCRPEFMAR SSQLYYFMTLTLSDLKPSRGPMSGGTQVTI

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot Reported in scientific literature (PMID:34017863), Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

Immunohistochemistry-Paraffin: Plexin A4 Antibody [NBP1-85128] - Staining of human cerebellum shows cytoplasmic positivity in Purkinje cells.



Publications

Lettieri, A;Oleari, R;van den Munkhof, MH;van Battum, EY;Verhagen, MG;Tacconi, C;Spreafico, M;Paganoni, AJJ;Azzarelli, R;Andre', V;Amoruso, F;Palazzolo, L;Eberini, I;Dunkel, L;Howard, SR;Fantin, A;Pasterkamp, RJ;Cariboni, A; SEMA6A drives GnRH neuron-dependent puberty onset by tuning median eminence vascular permeability Nature communications 2023-12-07 [PMID: 38062045]

Vreeken D, Bruikman CS, Stam W et al. Downregulation of Endothelial Plexin A4 Under Inflammatory Conditions Impairs Vascular Integrity Frontiers in cardiovascular medicine 2021-05-04 [PMID: 34017863] (WB, Human)

Kolter J, Feuerstein R, Zeis P et al. A Subset of Skin Macrophages Contributes to the Surveillance and Regeneration of Local Nerves Immunity 2019-06-18 [PMID: 31201094]

Poltavski DM, Colombier P, Hu J et al. Venous endothelin modulates responsiveness of cardiac sympathetic axons to arterial semaphorin Elife 2019-02-08 [PMID: 30735130] (IHC-P, Mouse)





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Products Related to NBP1-85128

NBP1-85128PEP	Plexin A4 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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