Product Datasheet

Transferrin Antibody - BSA Free

NBP1-97472-0.05mg

Unit Size: 0.05 mg

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

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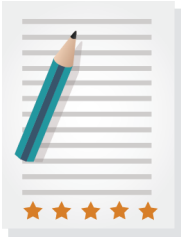
Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-97472

Updated 9/9/2025 v.20.1



NBP1-97472-0.05mg

Transferrin Antibody - BSA Free

Product Information

Unit Size	0.05 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS and 50% Glycerol
Target Molecular Weight	77 kDa

Product Description

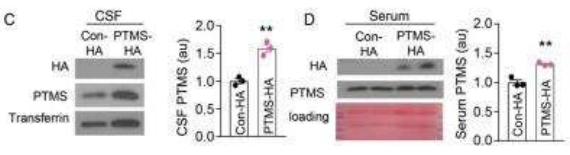
Description	Novus Biologicals Rabbit Transferrin Antibody - BSA Free (NBP1-97472) is a polyclonal antibody validated for use in WB and IP. Anti-Transferrin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7018
Gene Symbol	TF
Species	Human, Mouse, Rat, Canine, Guinea Pig
Immunogen	Human Transferrin.

Product Application Details

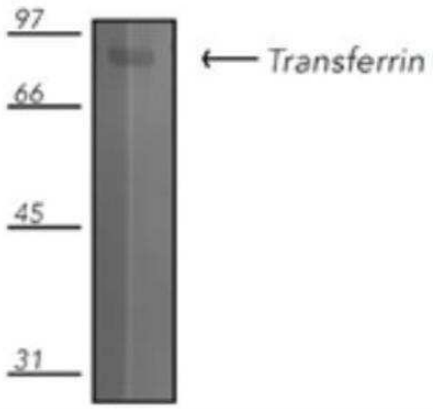
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000, Immunoprecipitation 1:10-1:500

Images

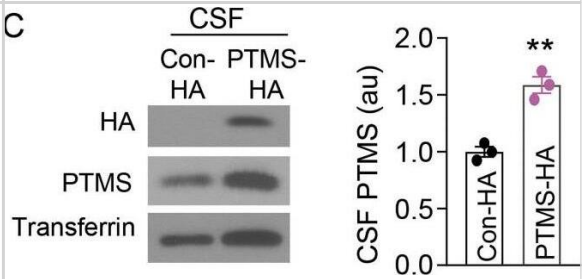
Western Blot: Transferrin Antibody [NBP1-97472] - Transferrin blot (C) or Ponceau S staining (D) was used as loading control. **P < 0.01 (two-tailed unpaired t test), n = 3 mice per group; values represent the mean +/- SEM. Image collected and cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/33087487) licensed under a CC-BY license.



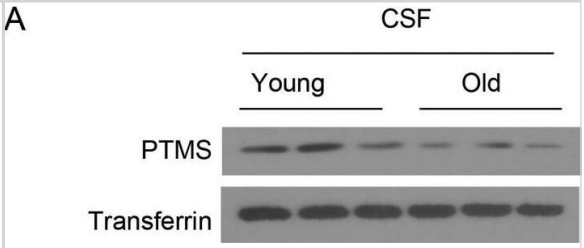
Western Blot: Transferrin Antibody [NBP1-97472] - Analysis of rat apotransferrin protein probed with transferrin pAb.



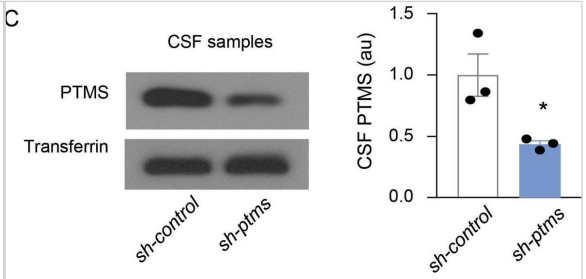
Western Blot: Transferrin Antibody [NBP1-97472] - Transfer of hippocampal/hypothalamic PTMS to other brain regions & the blood.(A, B) 3-mo male C57BL/6 mice were injected with a dose of synapsin promoter-driven PTMS-HA lentivirus in one side of the posterior hypothalamus (A) or both sides of the hippocampus targeting CA1 & dentate gyrus (B). At 2 wk post injection, brain sections were immunostained for HA in the injected regions versus other brain areas. Small arrows pointed to some HA positive cells in transfer brain regions. Scale bar, 100 μm. Additional information of control lentivirus injections are presented in Fig S6. (C, D) 3-mo male C57BL/6 mice received bilateral injections of neuron-specific lentivirus of synapsin promoter-driven PTMS-HA (labelled as “PTMS-HA”) versus Control-HA (labelled as “Con-HA”) in the hippocampus (targeting CA1 & dentate gyrus) & posterior hypothalamus, & at 2-wk post injection, secretion of PTMS-HA to the CSF (C) & the serum (D) was assessed via IP-Western blotting. (C, D) Transferrin blot (C) or Ponceau S staining (D) was used as loading control. **P < 0.01 (two-tailed unpaired t test), n = 3 mice per group; values represent the mean ± SEM. Image collected & cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/33087487), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Western Blot: Transferrin Antibody [NBP1-97472] - PTMS secretion declines during aging.(A, B) PTMS levels in the CSF of male C57BL/6 mice at young (□4 mo) or old (□24 mo) age were measured by Western blot (A) which were quantified in panel (B). Transferrin was used to as a loading control. (C) Young (3-mo) or middle aged (18-mo) male C57BL/6 mice received unilateral injection of the same dose of Sox2 promoter-driven PTMS-HA lentivirus in the mediobasal hypothalamus. White arrows point to the site of injections. At 1 wk postinjection, hypothalamic sections were generated for HA immunostaining to show the levels of both primary expression of PTMS-HA in Sox2-positive cells & secondary transfer of PTMS-HA into Sox2-negative cells. Sox2 co-immunostaining was performed to reveal Sox2-positive cells in this region. Lower panels in show high-magnification views of outlined areas. Scale bar, 100 μm. 3V: hypothalamic third ventricle. *P < 0.05, two-tailed unpaired t test (B), n = 3 mice per group; values represent the mean ± SEM. Image collected & cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/33087487), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Western Blot: Transferrin Antibody [NBP1-97472] - Contribution of the hypothalamus to PTMS in the CSF.(A) PTMS levels in blood serum versus CSF were detected by immunoprecipitation (IP)-Western blot (left panel), & the band intensities (au, arbitrary unit) were quantified (right panel). Matched IgG was used as a negative control of IP procedure, & Commassie staining was used as a loading control. (B, C) Injection of ptms-shRNA (sh-ptms) or scramble control shRNA (sh-control) lentiviruses into hypothalamic third ventricle of 3-mo male C57BL/6 mice (B), & at 1 mo postinjection, PTMS levels in CSF were measured by Western blot (left panel, transferrin as a loading control) & quantified (right panel). Scale bar, 100 μm. (A, C) *P < 0.05 (two-tailed unpaired t test), n = 4 mice (A) or 3 mice (C) per group; values represent the mean ± SEM. Image collected & cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/33087487), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Yu, B, Tang, Y Et al. Brain is an endocrine organ through secretion and nuclear transfer of parathymosin. Life Sci Alliance 2020-12-01 [PMID: 33087487] (IF/IHC, Mouse)

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Products Related to NBP1-97472-0.05mg

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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