

Product Datasheet

TSPAN7/TM4SF2 Antibody (CL0262) - BSA Free NBP2-52894

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: 1

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NBP2-52894

TSPAN7/TM4SF2 Antibody (CL0262) - BSA Free

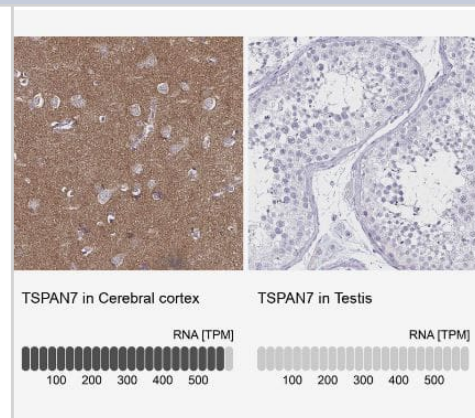
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0262
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	7102
Gene Symbol	TSPAN7
Species	Human
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from P41732, with the exact immunogen sequence remaining proprietary.

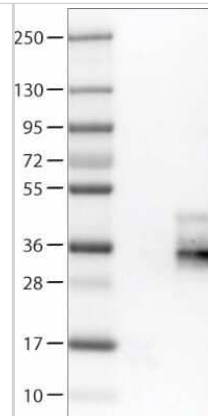
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

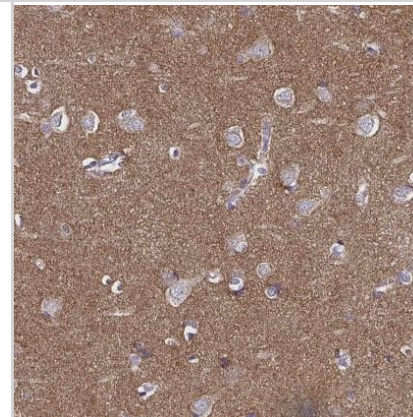
Immunohistochemistry-Paraffin: TSPAN7/TM4SF2 Antibody (CL0262) [NBP2-52894] - Analysis in human cerebral cortex and testis tissues using NBP2-52894 antibody. Corresponding TSPAN7 RNA-seq data are presented for the same tissues.



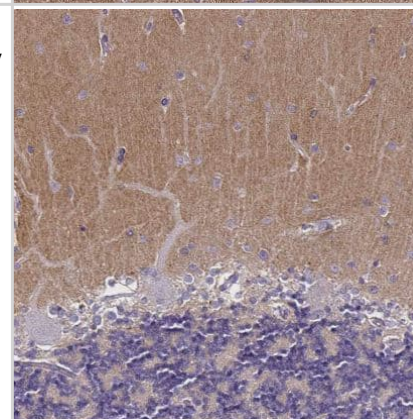
Western Blot: TSPAN7/TM4SF2 Antibody (CL0262) [NBP2-52894] - Lane 1: Marker [kDa], Lane 2: Negative control (vector only transfected HEK293T lysate), Lane 3: TSPAN7 Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells)



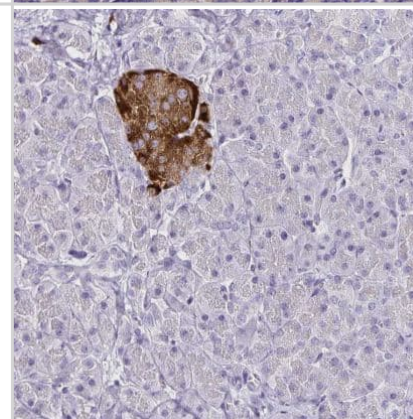
Immunohistochemistry-Paraffin: TSPAN7/TM4SF2 Antibody (CL0262) [NBP2-52894] - Staining of human cerebral cortex shows moderate positivity in neuropil.



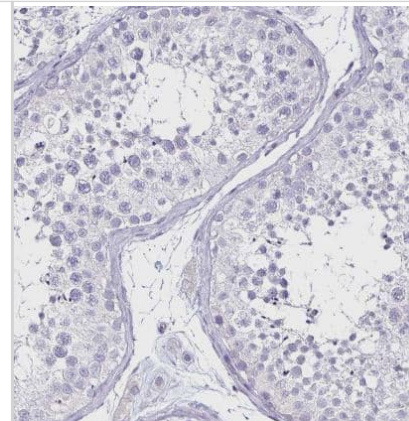
Immunohistochemistry-Paraffin: TSPAN7/TM4SF2 Antibody (CL0262) [NBP2-52894] - Staining of human cerebellum shows moderate positivity in neuropil.



Immunohistochemistry-Paraffin: TSPAN7/TM4SF2 Antibody (CL0262) [NBP2-52894] - Staining of human pancreas shows moderate to strong cytoplasmic positivity in islets of Langerhans.



Immunohistochemistry-Paraffin: TSPAN7/TM4SF2 Antibody (CL0262) [NBP2-52894] -Staining of human testis shows no positivity in cells in seminiferous ducts as expected.



Publications

Dickerson MT, Dadi PK, Butterworth RB et al. Tetraspanin-7 regulation of L-type voltage-dependent calcium channels controls pancreatic beta-cell insulin secretion J. Physiol. (Lond.) 2020-08-13 [PMID: 32790176]



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Products Related to NBP2-52894

NBP2-52894PEP	TSPAN7/TM4SF2 Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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