

Product Datasheet

TBC1D24 Antibody - BSA Free NBP1-82925

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: 4

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NBP1-82925

TBC1D24 Antibody - BSA Free

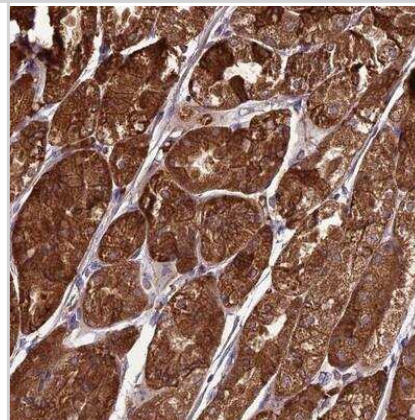
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit TBC1D24 Antibody - BSA Free (NBP1-82925) is a polyclonal antibody validated for use in IHC and WB. Anti-TBC1D24 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	57465
Gene Symbol	TBC1D24
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 30602030).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RGKVYQRLIRDIPCRTVTPDASVYSDIVGKIVGKHSSSCLPLPEFVDNTQVPSYC LNARGEAVRKILLCLANQFPD

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot Reported in scientific literature (PMID: 30602030), Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

Immunohistochemistry-Paraffin: TBC1D24 Antibody [NBP1-82925] - Staining of human stomach, upper shows strong cytoplasmic positivity in glandular cells.



Publications

Tona R, Lopez IA, Fenollar-Ferrer C et al. Mouse Models of Human Pathogenic Variants of TBC1D24 Associated with Non-Syndromic Deafness DFNB86 and DFNA65 and Syndromes Involving Deafness Genes (Basel) 2020-09-24 [PMID: 32987832] (Immunohistochemistry, Western Blot, Mouse)

Pepe S, Aprile D, Castroflorio E, Marte A et Al. TBC1D24 interacts with the v-ATPase and regulates intraorganellar pH in neurons iScience 2025-01-06 [PMID: 39758816]

Defourny J. TBC1D24 is likely to regulate vesicle trafficking in glia-like non-sensory epithelial cells of the cochlea. The International journal of developmental biology 2024-07-17 [PMID: 38869222]

Tona R, Chen W, Nakano Y et al. The phenotypic landscape of a Tbc1d24 mutant mouse includes convulsive seizures resembling human early infantile epileptic encephalopathy. Hum. Mol. Genet. 2019-01-02 [PMID: 30602030] (IF/IHC, WB, Mouse)





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Products Related to NBP1-82925

NBP1-82925PEP	TBC1D24 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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