

Product Datasheet

Monoamine Oxidase B Antibody - BSA Free NBP1-87493

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



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Publications: 5

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Updated 9/9/2025 v.20.1

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NBP1-87493

Monoamine Oxidase B Antibody - BSA Free

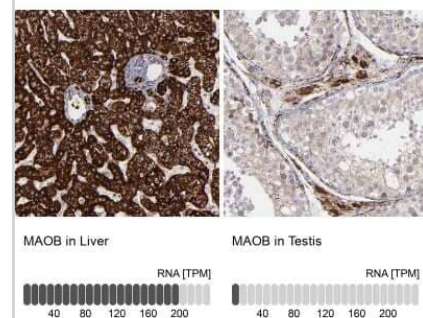
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Monoamine Oxidase B Antibody - BSA Free (NBP1-87493) is a polyclonal antibody validated for use in IHC and WB. Anti-Monoamine Oxidase B Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4129
Gene Symbol	MAOB
Species	Human, Mouse, Rat
Marker	Mitochondrial Outer Membrane Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: WRTMDDMGREIPSDAPWKAPLAEEWDNMTMKELLDKLCWTESAKQLATLFV NLCVTAETHEVSALWFLWYVKQCGGTTRIISTTNGGQERKFVGGSGQVSERIM DLLGDRVKLERPVIYIDQTRENVLVETLNHEMYEAKYVISAIPPTLGAPHR

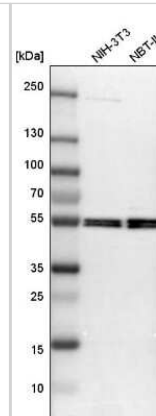
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

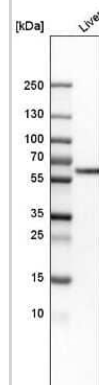
Immunohistochemistry-Paraffin: Monoamine Oxidase B Antibody [NBP1-87493] - Staining in human liver and testis tissues . Corresponding MAOB RNA-seq data are presented for the same tissues.



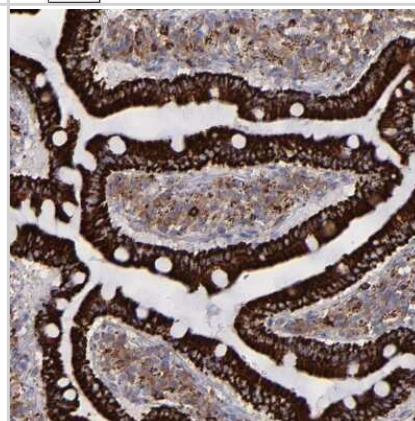
Western Blot: Monoamine Oxidase B Antibody [NBP1-87493] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



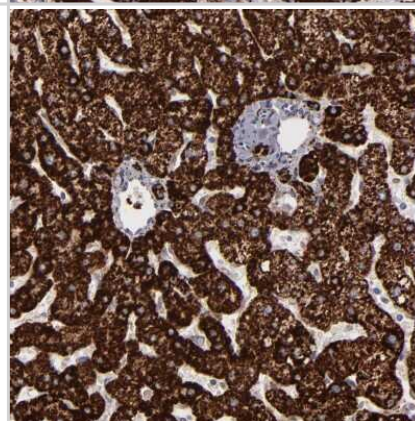
Western Blot: Monoamine Oxidase B Antibody [NBP1-87493] - Analysis in human liver tissue.



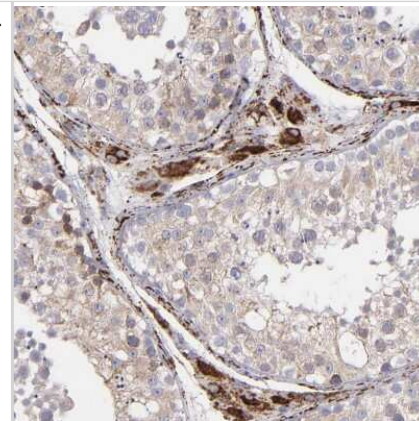
Immunohistochemistry-Paraffin: Monoamine Oxidase B Antibody [NBP1-87493] - Staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Monoamine Oxidase B Antibody [NBP1-87493] - Staining of human liver shows moderate to strong granular cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: Monoamine Oxidase B Antibody [NBP1-87493] - Staining of human testis shows moderate to strong granular cytoplasmic positivity in Leydig cells.



Publications

D'Acunzo P, Argryousi EK, Ungania JM et Al. Mitovesicles secreted into the extracellular space of brains with mitochondrial dysfunction impair synaptic plasticity *Mol Neurodegener* 2024-04-14 [PMID: 38616258]

Kawamura Y, Oka K, Semba T et al. Cellular senescence induction leads to progressive cell death via the INK4a-RB pathway in naked mole-rats *The EMBO journal* 2023-07-11 [PMID: 37431790]

Diep YN, Park HJ, Kwon JH et al. Astrocytic scar restricting glioblastoma via glutamate-MAO-B activity in glioblastoma-microglia assembloid *Biomaterials research* 2023-07-19 [PMID: 37468961] (WB, Human)

Keys HR, Knouse KA Genome-scale CRISPR screening in a single mouse liver *Cell genomics* 2022-12-14 [PMID: 36643909] (IHC, Mouse)

Jo S, Yarishkin O, Hwang YJ et al. GABA from reactive astrocytes impairs memory in mouse models of Alzheimers disease. *Nat Med* 2014-08-01 [PMID: 24973918]



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Products Related to NBP1-87493

NBP1-87493PEP	Monoamine Oxidase B 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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