

Monoamine Oxidase B Polyclonal Antibody

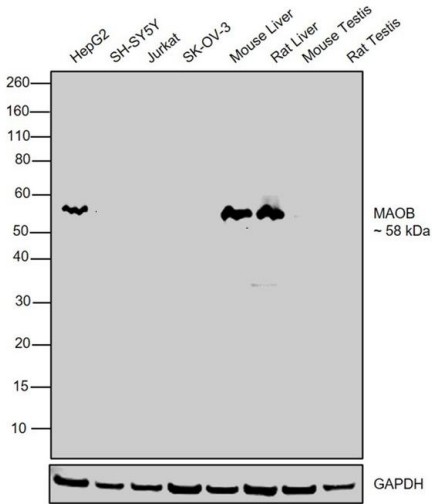
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human MAOB
Form	Liquid
Concentration	0.1 mg/mL
Purification	Anitgen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2789173

Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	-
Immunohistochemistry (IHC)	1:200-1:500	-

Product Specific Information

Immunogen sequence: WRTMDDMGRE IPSDAPWKAP LAEEWDNMTM KELLDKLCWT ESAKQLATLF VNLCVTAETH
EVSALWFLWY VKQCGGTTRI ISTTNGGQER KFVGGSGQVS ERIMDLLGDR VKLERPVIYI DQTRENVLVE TLNHEMYEAK
YVISAIPPTL GAPHR

Product Images For Monoamine Oxidase B Polyclonal Antibody

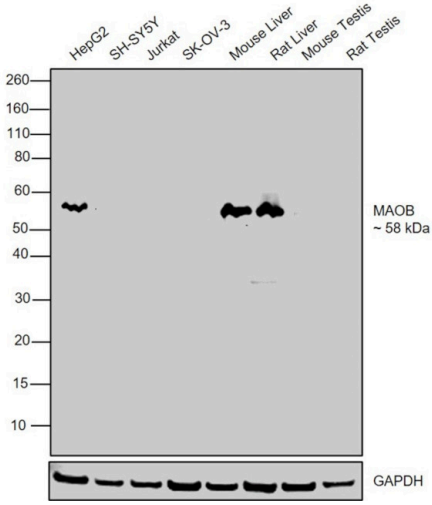


Monoamine Oxidase B Antibody (PA5-82012) in WB

Western blot was performed using Anti-Monoamine Oxidase B Polyclonal Antibody (Product # PA5-82012) and a 58 kDa band corresponding to Amine oxidase [flavin-containing] B was observed across cell lines and tissues. Whole cell extracts (30 µg lysate) of Hep G2 (Lane 1), SH-SY5Y (Lane 2), Jurkat (Lane 3), SK-OV-3 (Lane 4), Mouse Liver (Lane 5), Rat Liver (Lane 6), Mouse Testis (Lane 7), Rat Testis (Lane 8) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (0.4 µg/mL) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036,1:4000) using the iBright™ FL1500 Imaging System (Product # A44115). Chemiluminescent detection was performed using SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580).

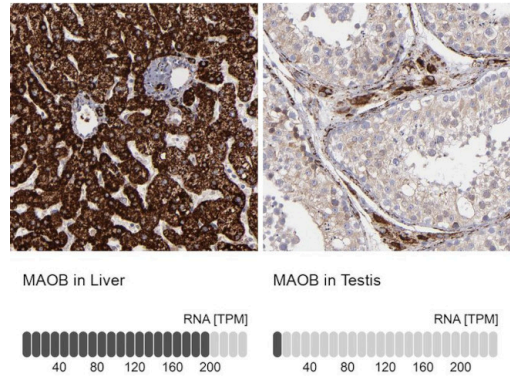
Monoamine Oxidase B Antibody (PA5-82012)

Antibody specificity was demonstrated by detection of differential basal expression of the target across HepG2, SH-SY5Y, Jurkat, SK-OV3, Mouse Liver, Rat Liver, Mouse Testis, Rat Testis. owing to their inherent genetic constitution. Relative expression of Amine oxidase [flavin-containing] B was observed in HepG2, Mouse Liver, Rat Liver and not expressed in SH-SY5Y, Jurkat, SK-OV3, Mouse Testis, Rat Testis. using Anti-Monoamine Oxidase B Polyclonal Antibody (Product # PA5-82012) in Western Blot. {RE}



Monoamine Oxidase B Antibody (PA5-82012)

Relative expression in different tissues in IHC: Detection of differential expression levels of Monoamine Oxidase B demonstrates antibody specificity. Immunohistochemical analysis of Monoamine Oxidase B using anti-Monoamine Oxidase B Polyclonal Antibody (Product #PA5-82012), shows significant staining of Monoamine Oxidase B in liver and shows minimal or weak staining in testis tissues. The relative expression levels of Monoamine Oxidase B within each tissue is shown using RNA-Seq. {RE}



For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.