

Product Datasheet

EPHX2 Antibody (OT11A6)

NBP2-02948

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-02948

Updated 2/16/2026 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-02948



NBP2-02948

EPHX2 Antibody (OTI1A6)

Product Information	
Unit Size	0.1 ml
Concentration	0.7 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1A6
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	62.4 kDa

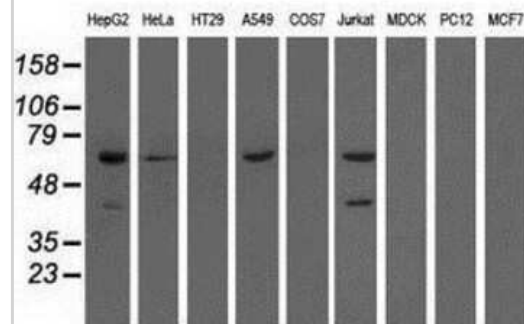
Product Description	
Description	Novus Biologicals Mouse EPHX2 Antibody (OTI1A6) (NBP2-02948) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-EPHX2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2053
Gene Symbol	EPHX2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 31002701). 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	Full length human recombinant protein of human EPHX2 (NP_001970) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500-2000, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150, Knockout Validated Validated for Knockout from YCharOS Inc. (YCharOS.com)

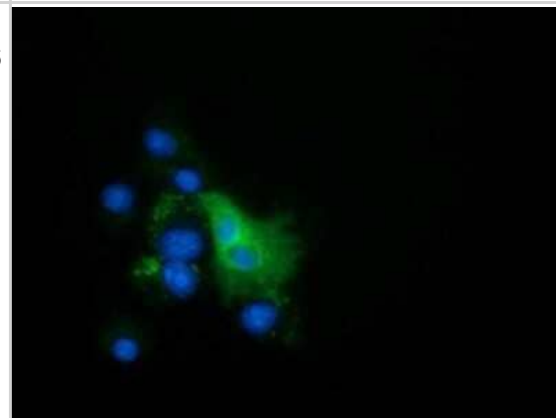


Images

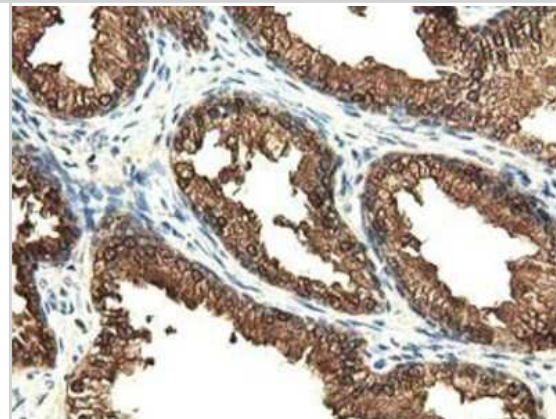
Western Blot: EPHX2 Antibody (1A6) [NBP2-02948] Analysis of extracts (35ug) from 9 different cell lines by using anti-EPHX2 monoclonal antibody.



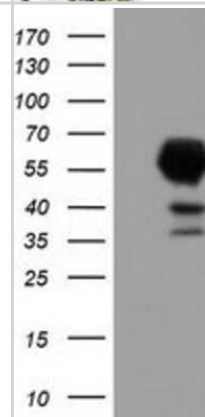
Immunocytochemistry/Immunofluorescence: EPHX2 Antibody (1A6) [NBP2-02948] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY EPHX2.



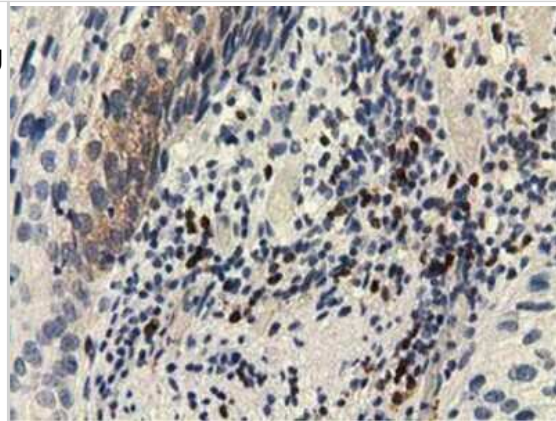
Immunohistochemistry-Paraffin: EPHX2 Antibody (1A6) [NBP2-02948] - Staining of paraffin-embedded Human prostate tissue using anti-EPHX2 mouse monoclonal antibody.



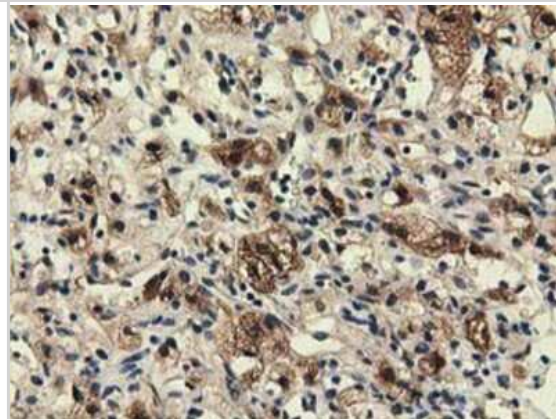
Western Blot: EPHX2 Antibody (1A6) [NBP2-02948] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY EPHX2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-EPHX2.



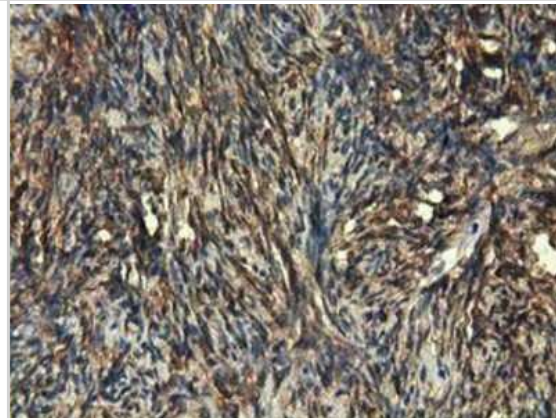
Immunohistochemistry-Paraffin: EPHX2 Antibody (1A6) [NBP2-02948] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-EPHX2 mouse monoclonal antibody.



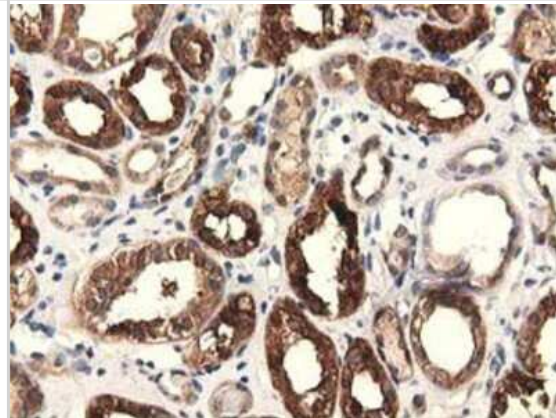
Immunohistochemistry-Paraffin: EPHX2 Antibody (1A6) [NBP2-02948] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-EPHX2 mouse monoclonal antibody.



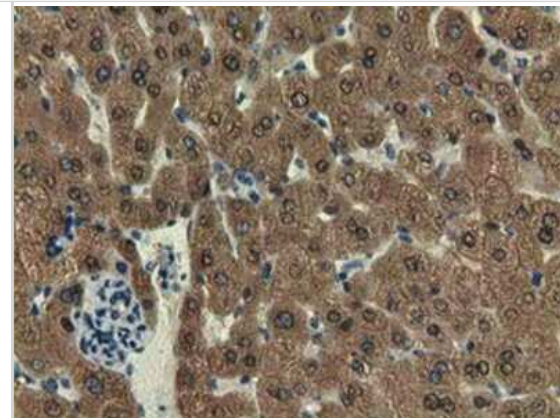
Immunohistochemistry-Paraffin: EPHX2 Antibody (1A6) [NBP2-02948] - Staining of paraffin-embedded Human endometrium tissue using anti-EPHX2 mouse monoclonal antibody.



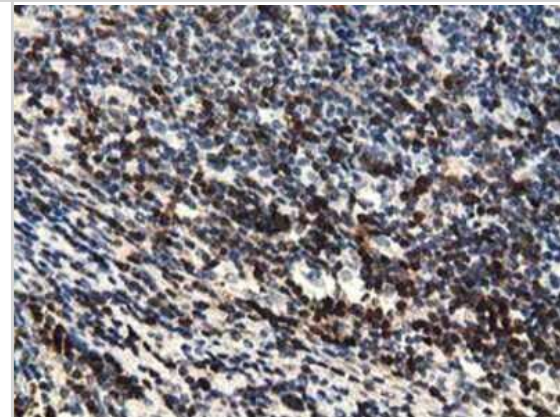
Immunohistochemistry-Paraffin: EPHX2 Antibody (1A6) [NBP2-02948] - Staining of paraffin-embedded Human Kidney tissue using anti-EPHX2 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: EPHX2 Antibody (1A6) [NBP2-02948] - Staining of paraffin-embedded Human liver tissue using anti-EPHX2 mouse monoclonal antibody.



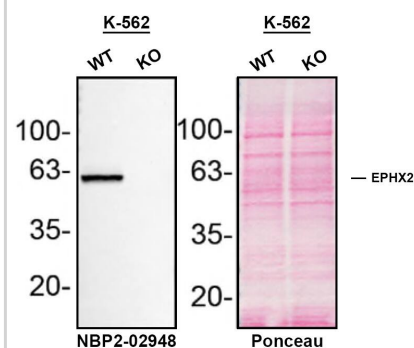
Immunohistochemistry-Paraffin: EPHX2 Antibody (1A6) [NBP2-02948] - Staining of paraffin-embedded Human lymphoma tissue using anti-EPHX2 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: EPHX2 Antibody (1A6) [NBP2-02948] - Staining of paraffin-embedded Human pancreas tissue using anti-EPHX2 mouse monoclonal antibody.



Western blot shows lysates of K562 human chronic myelogenous leukemia parental cell line and EPHX2 knockout K562 cell line (KO). Nitrocellulose membrane was probed with EPHX2 Antibody (OT11A6) (Catalog # NBP2-02948) followed by HRP-conjugated secondary antibody. A specific band was detected for EPHX2 at approximately 62.6 kDa (as indicated) in the parental K562 cell line, but is not detectable in knockout K562 cell line. Primary antibody dilution used: 1/500. The Ponceau stained transfer of the blot is shown. This experiment was conducted under reducing conditions. Image, protocol, and testing courtesy of YCharOS Inc. See ycharos.com for additional details.



Publications

Huerta-Yepez S, Tirado-Rodriguez A, Montecillo-Aguado MR et al. Aryl Hydrocarbon Receptor-Dependent inductions of omega-3 and omega-6 polyunsaturated fatty acid metabolism act inversely on tumor progression Sci Rep 2020-05-12 [PMID: 32398692] (IF/IHC, Mouse)

Reisdorf, WC;Xie, Q;Zeng, X;Xie, W;Rajpal, N;Hoang, B;Burgert, ME;Kumar, V;Hurle, MR;Rajpal, DK;O'Donnell, S;MacDonald, TT;Vossenkamper, A;Wang, L;Reilly, M;Votta, BJ;Sanchez, Y;Agarwal, P; Preclinical evaluation of EPHX2 inhibition as a novel treatment for inflammatory bowel disease PLoS ONE 2019-04-19 [PMID: 31002701] (IHC-P, Mouse)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-02948

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-02948

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

