

# Product Datasheet

## EPHX2 Antibody (OTI1A6) NBP2-02948

Unit Size: 0.1 ml

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

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**NBP2-02948**

EPHX2 Antibody (OTI1A6)

**Product Information**

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

**Product Description**

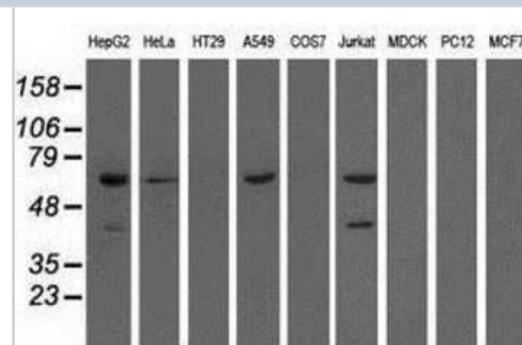
<b>Host</b>	Mouse
<b>Gene ID</b>	2053
<b>Gene Symbol</b>	EPHX2
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 31002701). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent 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.
<b>Immunogen</b>	Full length human recombinant protein of human EPX2 (NP_001970) produced in HEK293T cell.

**Product Application Details**

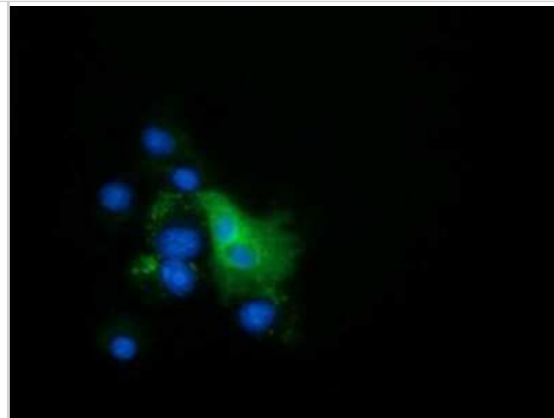
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-2000, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

**Images**

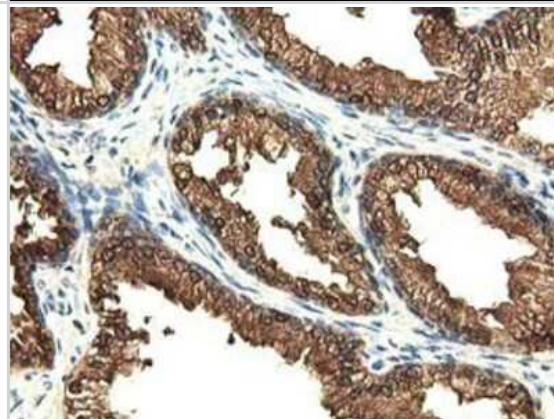
Western Blot: EPX2 Antibody (1A6) [NBP2-02948] Analysis of extracts (35ug) from 9 different cell lines by using anti-EPX2 monoclonal antibody.



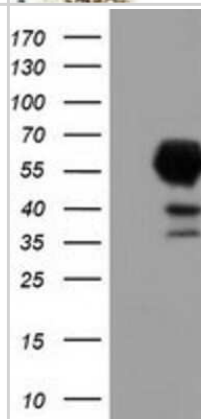
Immunocytochemistry/Immunofluorescence: EPHX2 Antibody (1A6) [NBP2-02948] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY EPHX2.



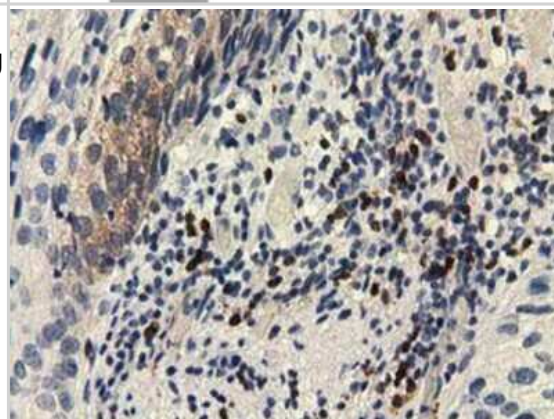
Immunohistochemistry-Paraffin: EPHX2 Antibody (1A6) [NBP2-02948] - Staining of paraffin-embedded Human prostate tissue using anti-EPHX2 mouse monoclonal antibody.



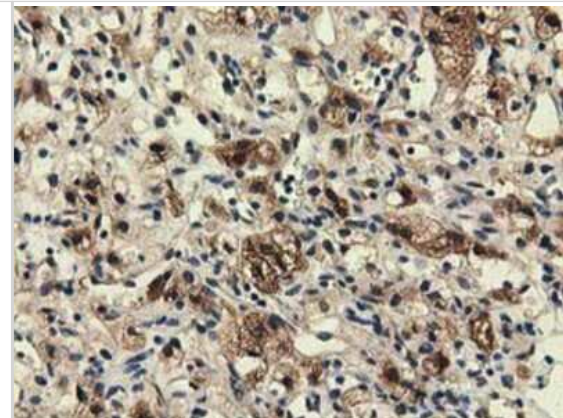
Western Blot: EPHX2 Antibody (1A6) [NBP2-02948] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY EPHX2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-EPHX2.



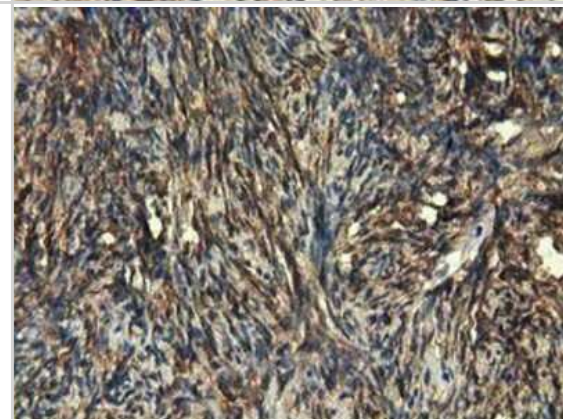
Immunohistochemistry-Paraffin: EPHX2 Antibody (1A6) [NBP2-02948] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-EPHX2 mouse monoclonal antibody.



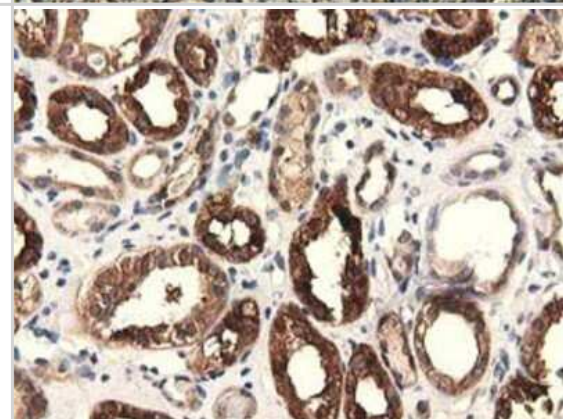
Immunohistochemistry-Paraffin: EPHX2 Antibody (1A6) [NBP2-02948] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-EPHX2 mouse monoclonal antibody.



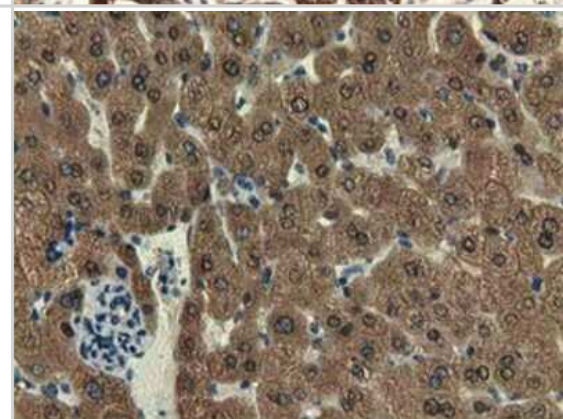
Immunohistochemistry-Paraffin: EPHX2 Antibody (1A6) [NBP2-02948] - Staining of paraffin-embedded Human endometrium tissue using anti-EPHX2 mouse monoclonal antibody.



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

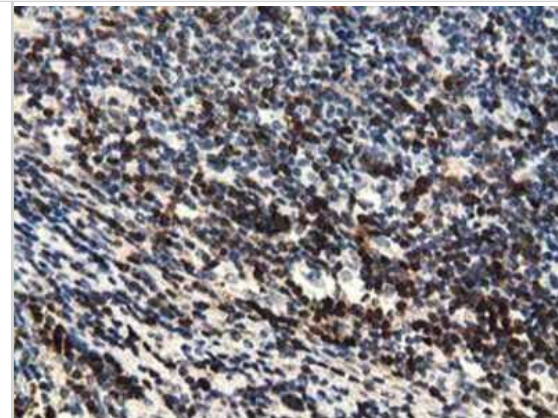


Immunohistochemistry-Paraffin: EPHX2 Antibody (1A6) [NBP2-02948] - Staining of paraffin-embedded Human liver tissue using anti-EPHX2 mouse monoclonal antibody.

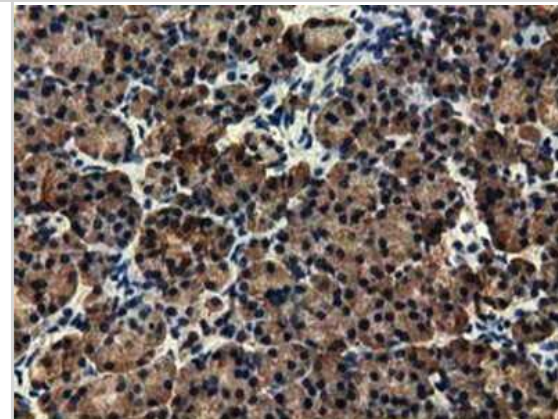




Immunohistochemistry-Paraffin: EPHX2 Antibody (1A6) [NBP2-02948] - Staining of paraffin-embedded Human lymphoma tissue using anti-EPHX2 mouse monoclonal antibody.



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



## Publications

Huerta-Yepes 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)



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### **Products Related to NBP2-02948**

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)
H00002053-P01-10ug	Recombinant Human EPHX2 GST (N-Term) Protein

### **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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