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Product datasheet for TA501626AM

EPHX2 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1A6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1A6
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:150, IF 1:100
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human EPHX2 (NP_001970) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62.4 kDa
Gene Name:	epoxide hydrolase 2
Database Link:	NP_001970 Entrez Gene 13850 MouseEntrez Gene 2053 Human P34913
Background:	This gene encodes a member of the epoxide hydrolase family. The protein, found in both the cytosol and peroxisomes, binds to specific epoxides and converts them to the corresponding dihydrodiols. Mutations in this gene have been associated with familial hypercholesterolemia. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq]

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Synonyms: CEH; SEH

Protein Pathways: Arachidonic acid metabolism, Metabolic pathways

Product images:

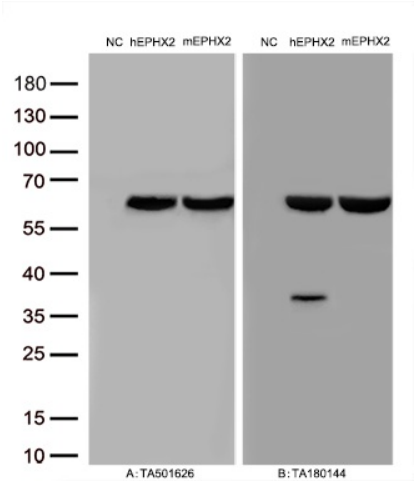
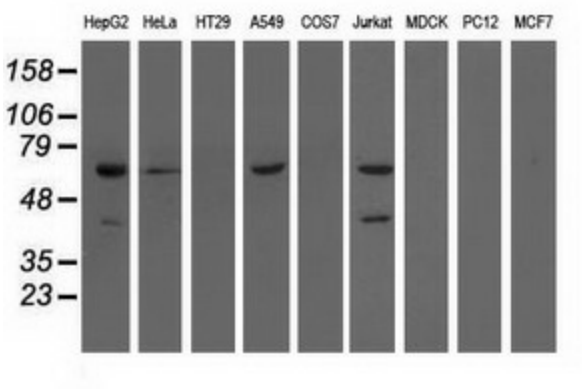


Figure A, Western blot analysis of overexpressed lysates(15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC) , human EPHX2 plasmid ([RC202489], hEPHX2), mouse EPHX2 plasmid ([MR208783], mEPHX2) using anti-EPHX2 antibody [TA501626](1:500). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:1000)



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-EPHX2 monoclonal antibody.

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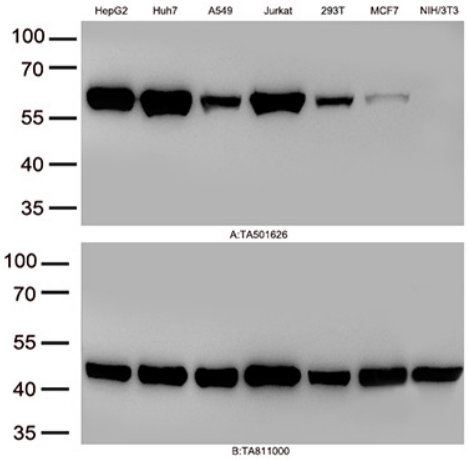
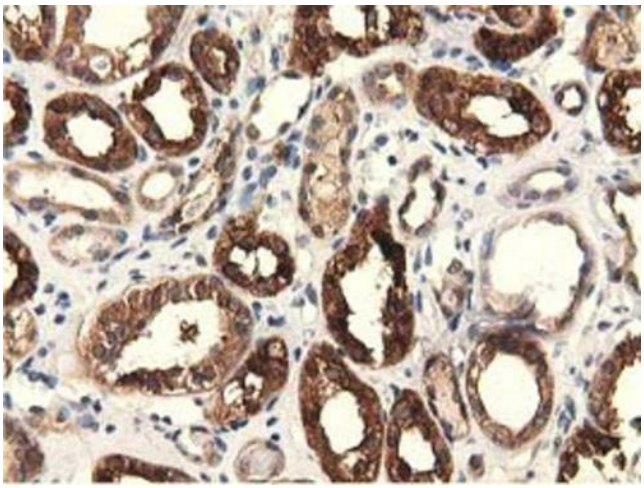
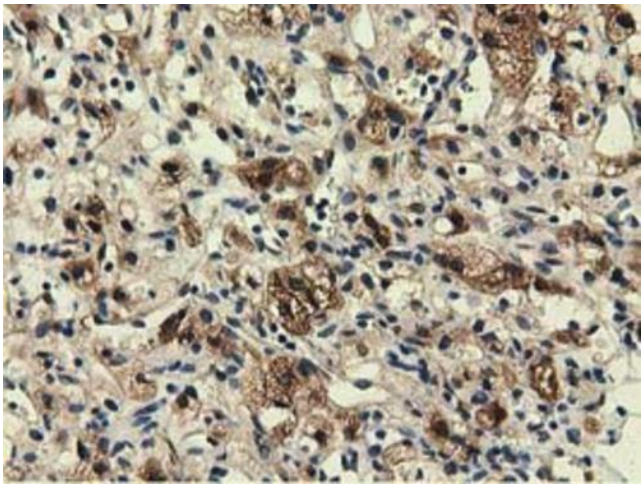


Figure A, Western blot analysis of extracts (50ug) from 7 cell lines lysates by using anti-EPHX2 antibody([TA501626], 1:500). Figure B, Western blot analysis of the same samples as figure A with anti-beta Actin antibody ([TA811000], 1:500)



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-EPHX2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501626])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-EPHX2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501626])

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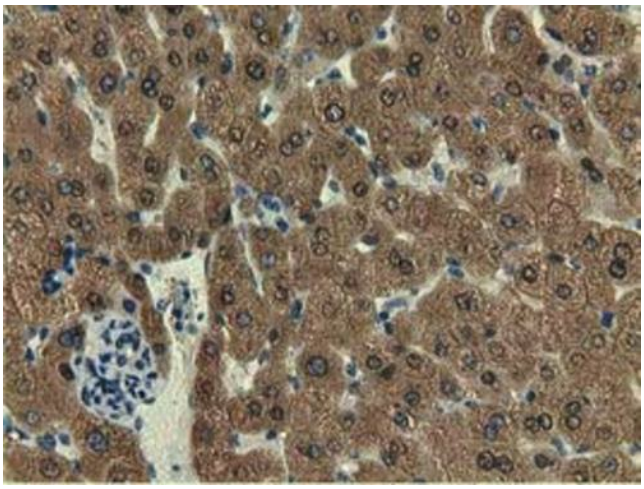
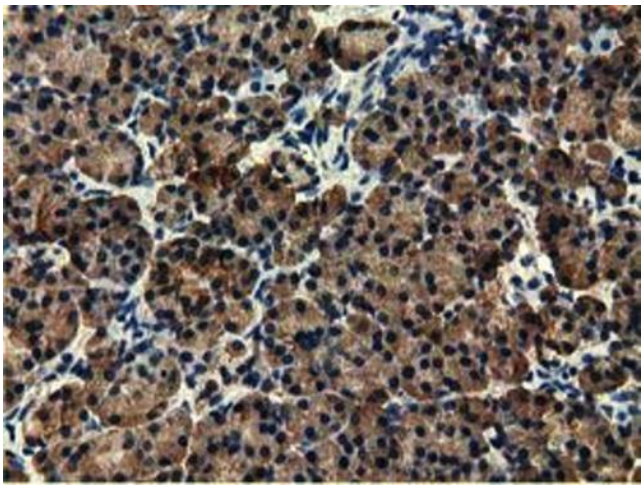
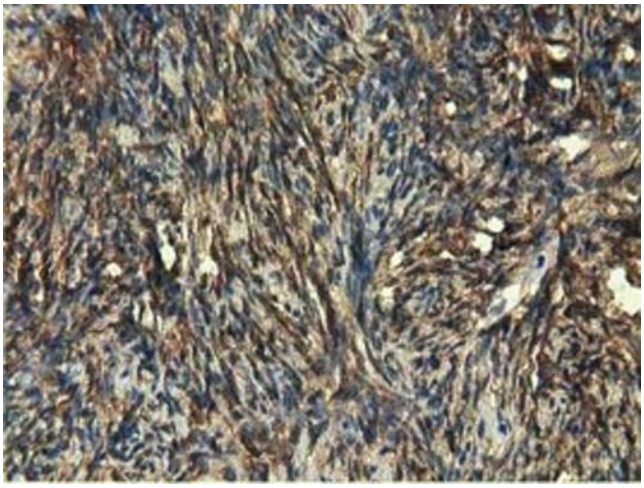


Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-EPHX2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501626])



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-EPHX2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501626])



Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-EPHX2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501626])

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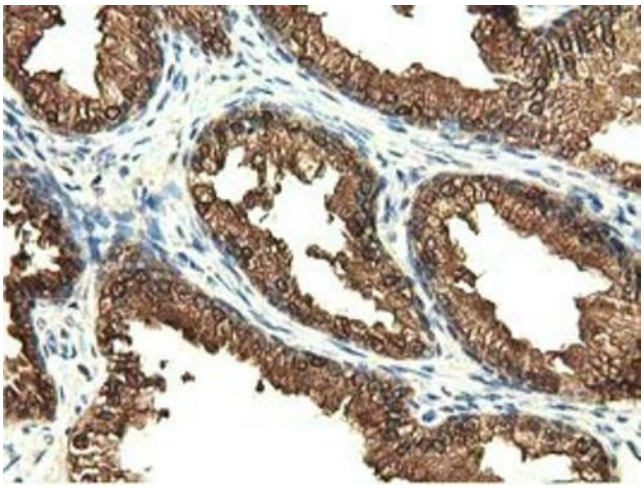
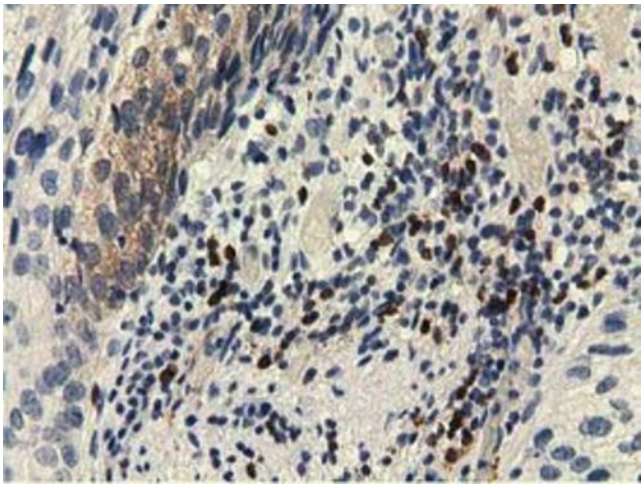
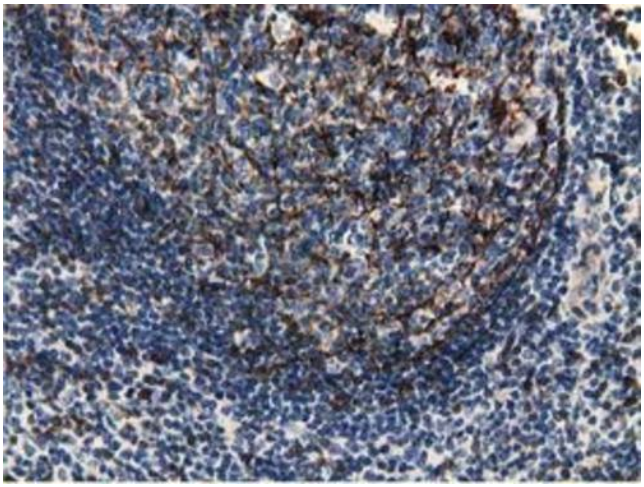


Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-EPHX2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501626])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-EPHX2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501626])



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-EPHX2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501626])

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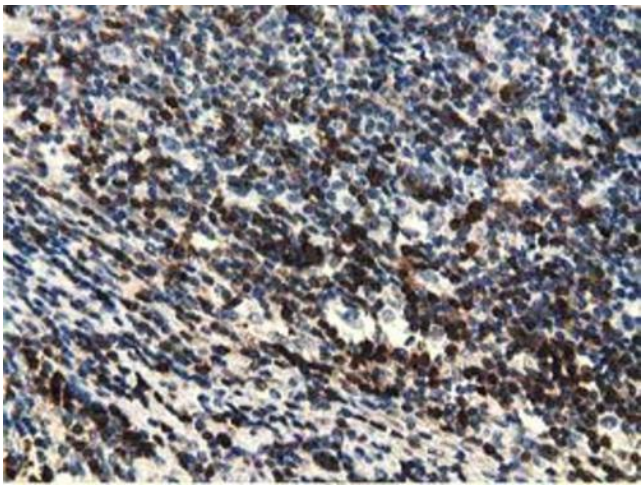
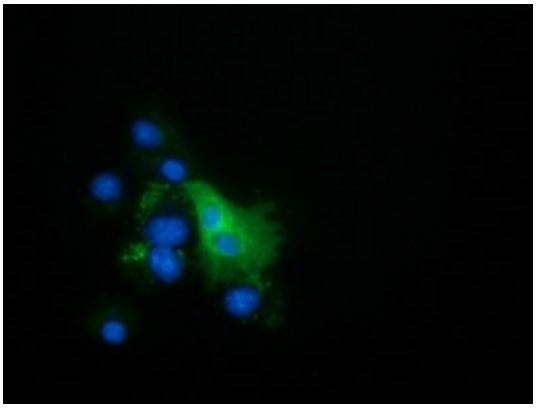


Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-EPHX2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501626])



Anti-EPHX2 mouse monoclonal antibody ([TA501626]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY EPHX2 ([RC202489]).

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