Elabscience®

Tel:240-252-7368(USA)
Fax: 240-252-7376(USA)
techsupport@elabscience.com
Website: www.elabscience.com

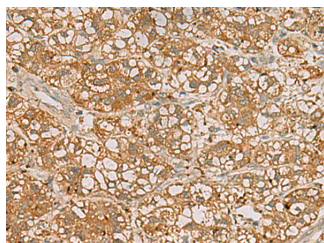## QDPR Polyclonal Antibody

Catalog No.	E-AB-52713	**Reactivity**	H,M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC,ELISA	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.
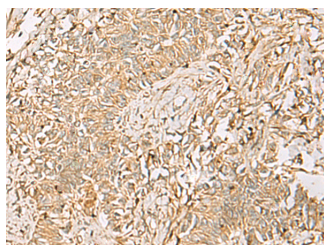
Images
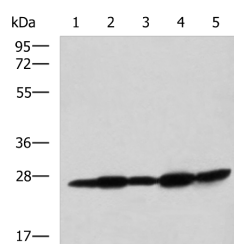
Western blot analysis of Mouse liver tissue Mouse brain tissue Rat brain tissue Rat liver tissue and Human fetal liver tissue lysates using QDPR Polyclonal Antibody at dilution of 1:800

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using QDPR Polyclonal Antibody at dilution of 1:70(×200)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using QDPR Polyclonal Antibody at dilution of 1:70(×200)

Immunogen Information

Immunogen	Fusion protein of human QDPR
Gene Accession	BC000576
Swissprot	P09417
Synonyms	6,7 dihydropteridine reductase,DHPR,DHPR,HDHPR ,HPR,PKU2,Qdpr,member 1

Product Information

Calculated MW	26 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:50-1:200, ELISA 1:5000-1:10000

Background

This gene encodes the enzyme dihydropteridine reductase, which catalyzes the NADH-mediated reduction of quinonoid dihydrobiopterin. This enzyme is an essential component of the pterin-dependent aromatic amino acid hydroxylating systems. Mutations in this gene resulting in QDPR deficiency include aberrant splicing, amino acid substitutions, insertions, or premature terminations. Dihydropteridine reductase deficiency presents as atypical phenylketonuria due to insufficient production of biopterin, a cofactor for phenylalanine hydroxylase.

For Research Use Only
Thank you for your recent purchase.
If you would like to learn more about antibodies,please visit www.elabscience.com.

Focus on your research
Service for life science

Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.