

# QDPR Polyclonal Antibody

Catalog Number:E-AB-52713



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

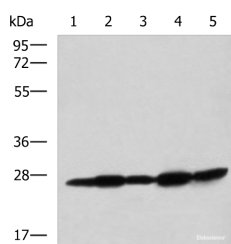
## Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Fusion protein of human QDPR
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4

## Applications Recommended Dilution

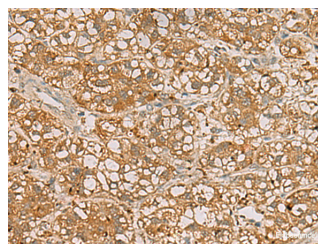
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:200
<b>ELISA</b>	1:5000-1:10000

## Data

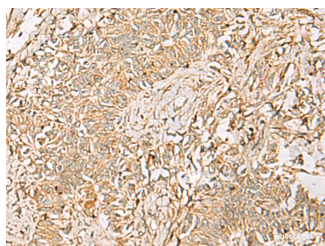


Western blot analysis of Mouse liver tissue Mouse brain tissue Rat brain tissue Rat liver tissue and Human fetal liver tissue lysates using QDPR Polyclonal Antibody at dilution of 1:800

**Observed Mw:Refer to figures**  
**Calculated Mw:26 kDa**



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)

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

### For Research Use Only

A Reliable Research Partner in Life Science and Medicine

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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.

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