

QDPR Antibody

Catalog No: #33000



Package Size: #33000-1 50ul #33000-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

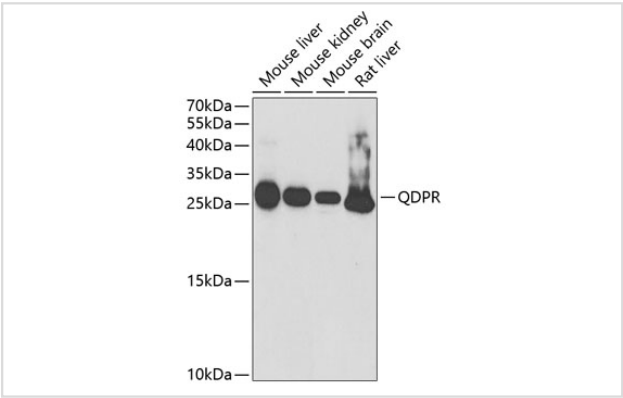
Description

Product Name	QDPR Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total QDPR protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human QDPR (NP_000311.2).
Target Name	QDPR
Other Names	QDPR;DHPR;PKU2;SDR33C1
Accession No.	Uniprot:P09417GeneID:5860
SDS-PAGE MW	26kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

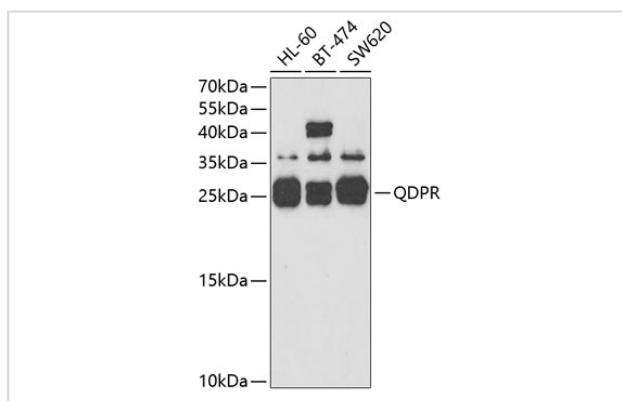
Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using QDPR antibody.



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## 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.

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.