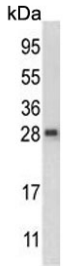
QDPR Antibody / Dihydropteridine reductase (F55005)

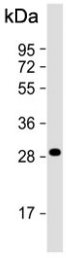
Catalog No.	Formulation	Size
F55005-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F55005-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P09417
Localization	Cytoplasmic
Applications	Western Blot : 1:500-1:1000 Immunohistochemistry (FFPE) : 1:50-1:100
Limitations	This QDPR antibody is available for research use only.

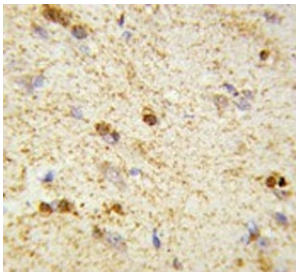


Western blot testing of mouse liver tissue lysate with QDPR antibody. Predicted molecular weight ~26 kDa.



Western blot testing of human liver tissue lysate with QDPR antibody. Predicted molecular weight ~26 kDa.

Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with QDPR antibody.



IHC testing of FFPE human brain tissue with QDPR antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

QDPR is 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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the QDPR antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 218-243 from the human protein was used as the immunogen for the QDPR antibody.

Storage

Aliquot the QDPR antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.