

Rabbit anti-Human, mouse QDPR Polyclonal Antibody | anti-QDPR antibody

QDPR Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288265	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

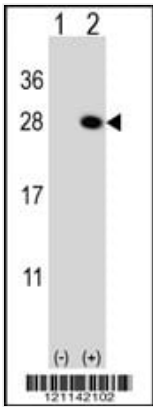
PRODUCT SYNONYMS

QDPR; Polyclonal Antibody; QDPR Antibody (C-term); Dihydropteridine reductase; HDHPR; Quinoid dihydropteridine reductase; DHPR; anti-QDPR antibody

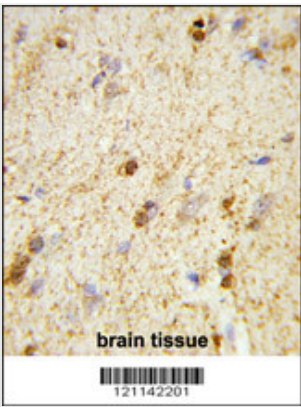
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This QDPR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 218-243 amino acids from the C-terminal region of human QDPR.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	218-243
Sequence Length	244
Applicable Applications for anti-QDPR antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

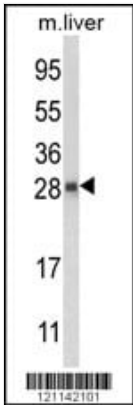
IMAGES



WB (Western Blot)
Western blot analysis of QDPR (arrow) using rabbit polyclonal QDPR Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the QDPR gene.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with QDPR Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of QDPR Antibody (C-term) in mouse liver tissue lysates (35ug/lane). QDPR (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-QDPR antibody	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.
Product Categories/Family for anti-QDPR antibody	Metabolism ; Signal Transduction
References	Schnetz-Boutaud,N.C., et.al.,Genes Brain Behav. 8 (8), 753-757 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	208973246
NCBI GeneID	5860
NCBI Accession #	NP_000311.2
NCBI GenBank Nucleotide #	NM_000320.2
UniProt Accession #	P09417 ; Q53F52 ; Q9H3M5 ; A8K158 ; B3KW71
Molecular Weight	25790

NCBI Official Full Name	dihydropteridine reductase isoform 1
NCBI Official Synonym Full Names	quinoid dihydropteridine reductase
NCBI Official Symbol	QDPR
NCBI Official Synonym Symbols	DHPR; PKU2; SDR33C1
NCBI Protein Information	dihydropteridine reductase
UniProt Protein Name	Dihydropteridine reductase
UniProt Gene Name	QDPR
UniProt Synonym Gene Names	DHPR; SDR33C1
UniProt Entry Name	DHPR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/qdpr-antibody-immunohistochemistry-western-blot-elisa/288265>