

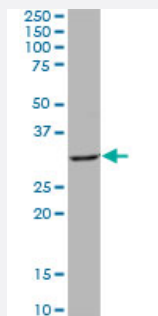
MaxPab®

QPRT purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00023475-B02P

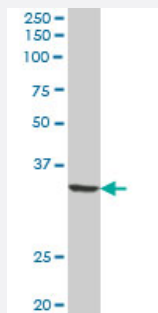
Size 50 ug

Applications



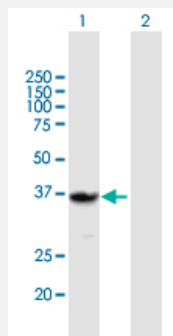
Western Blot (Tissue lysate)

QPRT MaxPab polyclonal antibody. Western Blot analysis of QPRT expression in human placenta.



Western Blot (Tissue lysate)

QPRT MaxPab polyclonal antibody. Western Blot analysis of QPRT expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of QPRT expression in transfected 293T cell line ([H00023475-T01](#)) by QPRT MaxPab polyclonal antibody.

Lane 1: QPRT transfected lysate(32.67 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human QPRT protein.

Immunogen	QPRT (-, 1 a.a. ~ 297 a.a) full-length human protein.
Sequence	MDAEG LALLLPVTLAALVDSWLREDCPGLNYAALVSGAGPSQAALWAKSPGILAGQPFFDAIFT QLNCQVSWFLPEGSKLVPVARVAEVRGPAHCLLLGERVALNTLARCSGASAAAAAVEAARGAG WTGHVAGTRKTTGFRLEKYGLLVGGAASHRYDLGGLVMVKDNHVVAAGGVEKAVRAARQAA DFALKVEVECSSLQEAVQAAEAGADLVLLDNFKPEELHPTATVLKAQFPSVAVEASGGITLDNLP QFCGPHIDVISMGMLTQAAPALDFSLKLFKEVAPVPKIH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (82)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

QPRT MaxPab polyclonal antibody. Western Blot analysis of QPRT expression in human placenta.

[Protocol Download](#)

- Western Blot (Tissue lysate)

QPRT MaxPab polyclonal antibody. Western Blot analysis of QPRT expression in human liver.

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- Western Blot (Transfected lysate)

Western Blot analysis of QPRT expression in transfected 293T cell line ([H00023475-T01](#)) by QPRT MaxPab polyclonal antibody.

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Gene Info — QPRT

Entrez GeneID

[23475](#)

GeneBank Accession#	BC005060.1
Protein Accession#	-
Gene Name	QPRT
Gene Alias	QPRTase
Gene Description	quinolinate phosphoribosyltransferase
Omim ID	606248
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a key enzyme in catabolism of quinolinate, an intermediate in the tryptophan-nicotinamide adenine dinucleotide pathway. Quinolinate acts as a most potent endogenous excitotoxin to neurons. Elevation of quinolinate levels in the brain has been linked to the pathogenesis of neurodegenerative disorders such as epilepsy, Alzheimer's disease, and Huntington's disease. [provided by RefSeq]
Other Designations	nicotinate-nucleotide pyrophosphorylase (carboxylating)

Pathway

- [Biosynthesis of alkaloids derived from ornithine](#)
- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)