

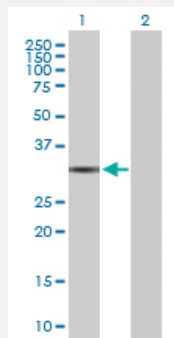
MaxPab®

## QPR1 purified MaxPab rabbit polyclonal antibody (D05P)

Catalog # H00023475-D05P

Size 100 ug

### Applications



#### Western Blot (Transfected lysate)

Western Blot analysis of QPR1 expression in transfected 293T cell line ([H00023475-T02](#)) by QPR1 MaxPab polyclonal antibody.

Lane 1: QPR1 transfected lysate(30.80 KDa).

Lane 2: Non-transfected lysate.

### Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human QPR1 protein.
Immunogen	QPR1 (NP_055113.2, 1 a.a. ~ 297 a.a) full-length human protein.
Sequence	MDAEG LALLLPVTLAALVDSWLREDCPGLNYAALVSGAGPSQAALWAKSPGVLAGQPFFDAIF TQLNCQVSWFLPEGSKLVPVARVAEVRGPAHCLLLGERVALNLTARCSGIASAAAAAVEAARGA GWTGHVAGTRKTPGFRLVEKYGLLVGGAASHRYDLGGLVMVKDNHVVAAAGGVEKAVRAARQA ADFALKVEVECCSSLQEAVQAAEAGADLVLLDNFKPEELHPTATVLKAQFSPVAVEASGGITLDNL PQFCGPHIDVISMGMLTQAAPALDFSLKLFKEVAPVPKIH
Host	Rabbit
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 (Transfected lysate)

Western Blot analysis of QPRT expression in transfected 293T cell line ([H00023475-T02](#)) by QPRT MaxPab polyclonal antibody.

Lane 1: QPRT transfected lysate(30.80 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — QPRT

Entrez GeneID [23475](#)

GeneBank Accession# [NM\\_014298.3](#)

Protein Accession# [NP\\_055113.2](#)

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](#)