

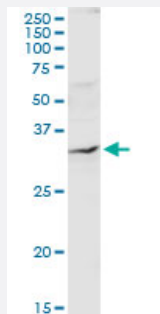
MaxPab®

## QPR1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00023475-D01P

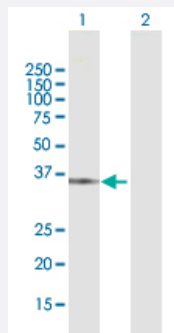
Size 100 ug

### Applications



#### Western Blot (Tissue lysate)

QPR1 MaxPab rabbit polyclonal antibody. Western Blot analysis of QPR1 expression in human kidney.



#### Western Blot (Transfected lysate)

Western Blot analysis of QPR1 expression in transfected 293T cell line ([H00023475-T01](#)) by QPR1 MaxPab polyclonal antibody.

Lane 1: QPR1 transfected lysate(32.67 KDa).

Lane 2: Non-transfected lysate.

### Specification

#### Product Description

Rabbit polyclonal antibody raised against a full-length human QPR1 protein.

#### Immunogen

QPR1 (AAH05060.1, 1 a.a. ~ 297 a.a) full-length human protein.

#### Sequence

MDAEG LALLLPVTLAALVDSWLREDCPGLNYAALVSGAGPSQAALWAKSPGILAGQPFFDAIFT  
QLNCQVSWFLPEGSKLVPARVAEVRGPAHCLLLGERVALNLTARCSGASAAAAAVEAARGAG  
WTGHVAGTRKTTGFRLEKYGLLVGGAASHRYDLGGLVMVKDNHVVAAAGGVEKAVRAARQAA  
DFALKVEVECSSLQEAVQAAEAGADLVLLDNFKPEELHPTATVLKAQFPSVAVEASGGITLDNLP  
QFCGPHIDVISMGMLTQAAPALDFSLKLFKEVAPVPKIH

#### 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 (Tissue lysate)

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

[Protocol Download](#)

- 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.

[Protocol Download](#)

## Gene Info — QPRT

Entrez GeneID	<a href="#">23475</a>
GeneBank Accession#	<a href="#">BC005060.1</a>
Protein Accession#	<a href="#">AAH05060.1</a>
Gene Name	QPRT
Gene Alias	QPRTase
Gene Description	quinolinate phosphoribosyltransferase
Omim ID	<a href="#">606248</a>
Gene Ontology	<a href="#">Hyperlink</a>

**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](#)