

DNAxPAb

Hard-to-Find  
Antibody

## QPR1 DNAXPab

Catalog # H00023475-W01P

Size 200 ug

### Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a full-length human QPR1 DNA using DNAX™ Immune technology.
<b>Technology</b>	<a href="#">DNAX™ Immune</a>
<b>Immunogen</b>	Full-length human DNA
<b>Sequence</b>	MDAEG LALLLPVTLAALVDSWLREDCPGLNYAALVSGAGPSQAALWAKSPGVLAGQPFFDAIF TQLNCQVSWFLPEGSKLVPVARVAEVRGPAHCLLLGERVALNTLARCSGASAAAAAVEAARGA GWTGHVAGTRKTPGFRLVEKYGLLVGGAASHRYDLGGLVMVKDNHVVAAAGGVEKAVRAARQA ADFALKVEVECSSLQEAVQAAEAGADLVLLDNFKPEELHPTATVLKAQFPSVAVEASGGITLDNL PQFCGPHIDVISMGMLTQAAPALDFSLKLFAKEVAPVPKIH
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## 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](#)