

# QPRT Rabbit pAb

Catalog No.: A14349

## Basic Information

### Observed MW

31kDa

### Calculated MW

31kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

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. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

23475

### Swiss Prot

Q15274

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-297 of human QPRT (NP\_055113.2).

### Synonyms

QPRTase; HEL-S-90n; QPRT

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

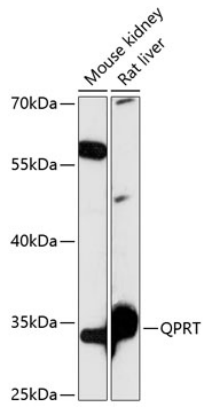
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using QPRT Rabbit pAb (A14349) at 1:3000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.