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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 exitotoxin 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

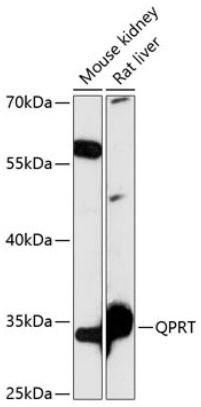
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



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.

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