

Product Information

Anti-QPRT
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW22306F**
Formerly listed as GenWay Catalog Number 15-288-22306F,
Nicotinate-nucleotide pyrophosphorylase Antibody.

Storage Temperature Store at -20°C

Synonyms: Quinolate phosphoribosyltransferase, EC 2.4.2.19; Quinolate phosphoribosyltransferase [decarboxylating]; QAPRTase; QPRTase

Product Description

This protein is a key enzyme in catabolism of quinolate. an intermediate in the tryptophan-nicotinamide adenine dinucleotide pathway. Quinolate acts as a most potent endogenous excitotoxin to neurons. Elevation of quinolate levels in the brain has been linked to the pathogenesis of neurodegenerative disorders such as epilepsy. Alzheimer's disease. and Huntington's disease.

NCBI Accession number: NP_055113.2
Swiss Prot Accession number: Q15274

Gene Information: Human .. QPRT (23475)

Immunogen: Recombinant protein Quinolate phosphoribosyltransferase

Immunogen Sequence: GI # 45269149, sequence 123 - 237

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at $2-8^{\circ}\text{C}$ for up to one week. For extended storage, store in -20°C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

LPG,MAM12/09-1

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