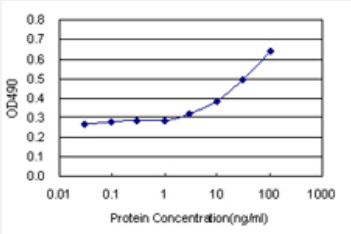
QPRT (Human) Matched Antibody Pair

Catalog # H00023475-AP11 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human QPRT.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (82)
Quality Control Testing	Standard curve using recombinant protein (H00023475-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-QPRT (100 ug) 2. Detection antibody: mouse monoclonal anti-QPRT, IgG1 Kappa (20 ug) *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

  Protocol Download

Gene Info — QPRT

Entrez GeneID	23475
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 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. [provided by RefSeq
Other Designations	nicotinate-nucleotide pyrophosphorylase (carboxylating)

Pathway

- Biosynthesis of alkaloids derived from ornithine
- Metabolic pathways
- Nicotinate and nicotinamide metabolism