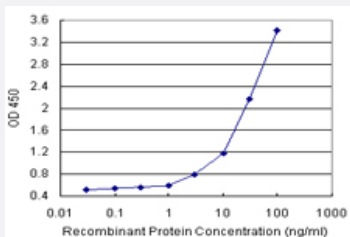# GAK (Human) Matched Antibody Pair

Catalog #   H00002580-AP21   Size   1 Set

Applications

Sandwich ELISA detection sensitivity ranging from 1 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 GAK.
Reactivity	Human
Quality Control Testing	Standard curve using recombinant protein (H00002580-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-GAK (100 ug) 2. Detection antibody: mouse purified polyclonal anti-GAK (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 thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

  [Protocol Download](#)

Gene Info — GAK

Entrez GeneID	2580
Gene Name	GAK
Gene Alias	FLJ16629, FLJ40395, MGC99654
Gene Description	cyclin G associated kinase
Omim ID	602052
Gene Ontology	Hyperlink
Gene Summary	In all eukaryotes, the cell cycle is governed by cyclin-dependent protein kinases (CDKs), whose activities are regulated by cyclins and CDK inhibitors in a diverse array of mechanisms that involve the control of phosphorylation and dephosphorylation of Ser, Thr or Tyr residues. Cyclins are molecules that possess a consensus domain called the 'cyclin box.' In mammalian cells, 9 cyclin species have been identified, and they are referred to as cyclins A through I. Cyclin G is a direct transcriptional target of the p53 tumor suppressor gene product and thus functions downstream of p53. GAK is an association partner of cyclin G and CDK5. [provided by RefSeq
Other Designations	-

Disease

- Genetic Predisposition to Disease

- Kidney Failure

- Parkinson Disease