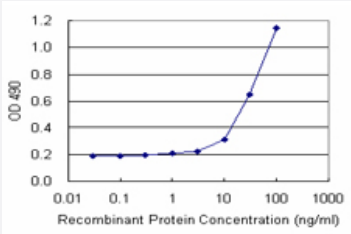
DGKA (Human) Matched Antibody Pair

Catalog # H00001606-AP21 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 10 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 DGKA.
Reactivity	Human
Quality Control Testing	Standard curve using recombinant protein (H00001606-P02) as an analyte. Sandwich ELISA detection sensitivity ranging from 10 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-DGKA (100 ug) 2. Detection antibody: mouse purified polyclonal anti-DGKA (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 — DGKA

Entrez GeneID	1606
Gene Name	DGKA
Gene Alias	DAGK, DAGK1, DGK-alpha, MGC12821, MGC42356
Gene Description	diacylglycerol kinase, alpha 80kDa
Omim ID	125855
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the eukaryotic diacylglycerol kinase family. It acts as a modulator that competes with protein kinase C for the second messenger diacylglycerol in intra cellular signaling pathways. It also plays an important role in the resynthesis of phosphatidylinosito ls and phosphorylating diacylglycerol to phosphatidic acid. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified. [provided by RefSeq
Other Designations	diacylglycerol kinase alpha|diacylglycerol kinase, alpha (80kD)

Pathway

- Glycerolipid metabolism
- Glycerophospholipid metabolism
- Metabolic pathways
- Phosphatidylinositol signaling system