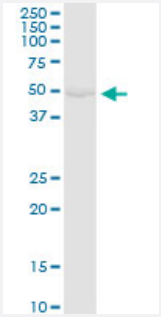
MaxPab®

GK purified MaxPab rabbit polyclonal antibody (D01P)

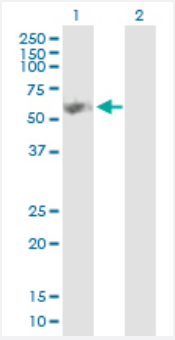
Catalog # H00002710-D01P Size 100 ug

Applications



Western Blot (Tissue lysate)

GK MaxPab rabbit polyclonal antibody. Western Blot analysis of GK expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of GK expression in transfected 293T cell line (H00002710-T02) by GK MaxPab polyclonal antibody.

Lane 1: GK transfected lysate(57.50 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GK protein.
Immunogen	GK (NP_000158.1, 1 a.a. ~ 524 a.a) full-length human protein.
Sequence	MAASKKAVLGPLVGAVDQGTSSTRFLVFNSKTAELLSHHQVEIKQEFPREGWVEQDPKEILHSVY ECIEKTCEKLGQLNIDISNIKAIGVSNQRETTVVWDKITGEPLYNAVVWLDLRTQSTVESLSKRIPGN NNFVKSKTGLPLSTYFSAVKLRWLLDNVRKVQKAVEEKRALFGTIDSWLIWSLTGGVNGGVHCTD VTNASRTMLFNIHSLEWDKQLCEFFGIPMEILPNVRSSSEIYGLMKAGALEGVPISGCLGDQSAAL VGQMCFQIGQAKNTYGTGCFLLCNTGHKCVFSDHGLLTTVAYKLGRDKPVYYALEGSVAIAGAVIR WLRDNLGIIKTSEEIEKLAKEVGTSYGCYFVPAFSGLYAPYWEPSARGIICGLTQFTNKCHIAFAALE AVCFQTREILDAMNRDCGIPLSHLQVDGGMTSNKILMQLQADILYIPVVKPSMPETTALGAAMAAG AAEGVGVWSLEPEDLSAVTMERFEPQINAEESEIRYSTWKKAVMKSMGWVTTQSPESGIP

Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

  GK MaxPab rabbit polyclonal antibody. Western Blot analysis of GK expression in human liver.

  Protocol Download

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  Protocol Download

Gene Info — GK

Entrez GeneID	2710
GeneBank Accession#	NM_000167.3
Protein Accession#	NP_000158.1
Gene Name	GK
Gene Alias	GK1, GKD
Gene Description	glycerol kinase
Omim ID	300474 307030
Gene Ontology	Hyperlink

Gene Summary	The product of this gene belongs to the FGGY kinase family of proteins and encodes glycerol kinase. Glycerol kinase is a key enzyme in the regulation of glycerol uptake and metabolism. It catalyzes the phosphorylation of glycerol by ATP, yielding ADP and glycerol-3-phosphate. Defects in this gene are the cause of glycerol kinase deficiency (GKD). Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq
Other Designations	ATP:glycerol 3-phosphotransferase|glycerokinase

Pathway

- Glycerolipid metabolism
- Metabolic pathways
- PPAR signaling pathway