



Anti-KHK (full length) polyclonal antibody (DPAB-DC1783)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes ketohexokinase that catalyzes conversion of fructose to fructose-1-phosphate. The product of this gene is the first enzyme with a specialized pathway that catabolizes dietary fructose. Alternatively spliced transcript variants encoding different isoforms have been identified.
Immunogen	KHK (AAH06233, 1 a.a. ~ 298 a.a) full-length recombinant protein with GST tag. The sequence is MEEKQILCVGLVVLDVISLVDKYPKEDSEIRCLSQRWQRGGNASNSCTILSLLGAPCAFM GSMAPGHVADFVLDDLRRYSVDLRYTVFQTTGSVPIATVIINEASGSRITLYYDRSLPDV SATDFEKVDLTQFKWIIHIEGRNASEQVKMLQRIDAHNTRQPPEQKIRVSVEVEKPREELF QLFGYGDVVFVSKDVAKHLGFQSAEEALRGLYGRVRKGAVLVCAWAEEGADALGPDGKLL HSDAFPPPRVVDTLGAGDTFNASVIFSLSQGRSVQEALRFGCQVAGKKCGLQGFDGIV
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	KHK ketohexokinase (fructokinase) [Homo sapiens (human)]
Official Symbol	KHK
Synonyms	KHK; ketohexokinase (fructokinase); ketohexokinase; hepatic fructokinase;
Entrez Gene ID	3795
Protein Refseq	NP_000212
UniProt ID	P50053
Chromosome Location	2p23.3
Pathway	Disease; Fructose catabolism; Metabolism; Myoclonic epilepsy of Lafora
Function	ATP binding; ketohexokinase activity;