



KHK rabbit pAb

Catalog No	YP-Ab-09123
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	KHK
Immunogen	Synthesized peptide derived from human KHK AA range: 102-152
Specificity	This antibody detects endogenous levels of KHK at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Ketohexokinase; EC:2.7.1.3; KHK
Observed Band	
Calculated Molecular Weight	
Cell Pathway	cytoplasm, cytosol, extracellular exosome,
Tissue Specificity	Most abundant in liver, kidney, gut, spleen and pancreas. Low levels also found in adrenal, muscle, brain and eye.
Function	catalytic activity: ATP + D-fructose = ADP + D-fructose 1-phosphate., caution: Form C has not yet been fully sequenced in its N-terminal (from 1-69)., disease: Defects in KHK are the cause of fructosuria [MIM:229800]. Fructosuria is a benign defect of intermediary metabolism., enzyme regulation: Requires potassium. Inhibition by ADP., pathway: Carbohydrate metabolism; fructose metabolism., similarity: Belongs to the carbohydrate kinase pfkB family., subunit: Dimer of A-A, A-C or C-C., tissue specificity: Most abundant in liver, kidney, gut, spleen and pancreas. Low levels also found in adrenal, muscle, brain and eye.,



Background

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. [provided by RefSeq, Jul 2008],

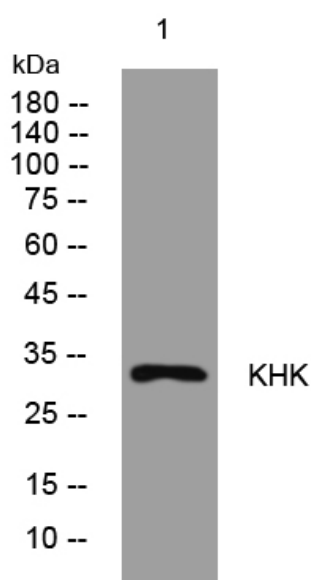
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4° over night