



Rabbit Anti-Ketohexokinase antibody

SL4045R

Product Name:	Ketohexokinase
Chinese Name:	肝果糖激酶抗体
Alias:	fructokinase; Hepatic fructokinase; ketohexokinase; Ketohexokinase isoform a; KHK; EC 2.7.1.3; KHK_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	33kDa
Cellular localization:	cytoplasmicExtracellular matrix
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Ketohexokinase:151-250/298
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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] Subunit:

Homodimer.

Tissue Specificity:

Most abundant in liver, kidney, gut, spleen and pancreas. Low levels also found in adrenal, muscle, brain and eye.

DISEASE:

Defects in KHK are the cause of fructosuria (FRUCT) [MIM:229800]. Benign defect of intermediary metabolism.

Similarity:

Belongs to the carbohydrate kinase PfkB family.

SWISS:

P50053

Gene ID:

3795

Database links:

[Entrez Gene: 3795](#) Human

[Entrez Gene: 16548](#) Mouse

[Omim: 614058](#) Human

[SwissProt: P50053](#) Human

[SwissProt: Q6IBK2](#) Human

[SwissProt: P97328](#) Mouse

[Unigene: 567297](#) Human

[Unigene: 22451](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.