

Rabbit ketohexokinase Polyclonal Antibody | anti-KHK antibody

Phospho-ketohexokinase (Ser80) Antibody-Isoform A

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329972	Rabbit	Human, Mouse Predicted Reactivity: Bovine (88%), Horse (100%), Sheep (88%)	ELISA, Western Blot

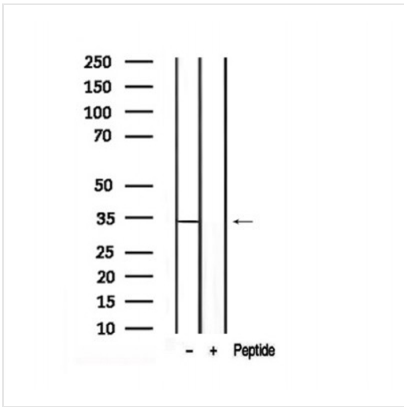
PRODUCT SYNONYMS

ketohexokinase; Polyclonal Antibody; Phospho-ketohexokinase (Ser80) Antibody-Isoform A; EC 2.7.1.3; Fructokinase; Hepatic fructokinase; Ketohexokinase; Ketohexokinase isoform a; KHK; KHK_HUMAN; anti-KHK antibody

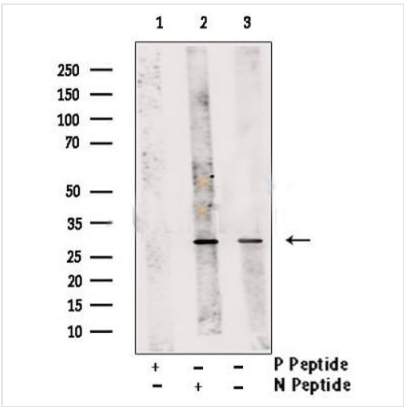
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted Reactivity: Bovine (88%), Horse (100%), Sheep (88%)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-ketohexokinase (Ser80) Antibody-Isoform A detects endogenous levels of ketohexokinase only when phosphorylated at S80. Tissue Specificity: Most abundant in liver, kidney, gut, spleen and pancreas. Low levels also found in adrenal, muscle, brain and eye.
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-KHK antibody	ELISA (Peptide ELISA), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Ketohexokinase (Isoform A) around the phosphorylation site of S80.
Conjugation	Unconjugated
Fragment	Fab fragment
Subunit Structure	Homodimer.
Similarity	Belongs to the carbohydrate kinase PfkB family.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from mouse kidney, using Phospho-ketohexokinase(S81) Antibody.



WB (Western Blot)
Western blot analysis of extracts from mouse kidney tissue, using Phospho-ketohexokinase(Ser81) Antibody. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-KHK antibody	Catalyzes the phosphorylation of the ketose sugar fructose to fructose-1-phosphate.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557693
NCBI GeneID	3795
NCBI Accession #	NP_000212.1
NCBI GenBank Nucleotide #	NM_000221.2
UniProt Accession #	P50053; Q6IBK2; Q99532; Q9BRJ3; Q9UMN1
NCBI Official Full Name	ketohexokinase isoform a
NCBI Official Synonym Full Names	ketohexokinase (fructokinase)
NCBI Official Symbol	KHK
NCBI Protein Information	ketohexokinase; hepatic fructokinase
UniProt Protein Name	Ketohexokinase
UniProt Gene Name	KHK
UniProt Entry Name	KHK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ketohexokinase-antibody-peptide-elisa-western-blot-elisa/329972>