

KHK-A (Phospho-Ser80) Antibody

Catalog No: #SAB648

Package Size: #SAB648 100ul

Description

Product Name	KHK-A (Phospho-Ser80) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was purified from rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Applications	WB
Species Reactivity	Human, Mouse
Specificity	KHK-A (Phospho-Ser80) Antibody detects endogenous levels of KHK-A only when phosphorylated at serine 80.
Immunogen Description	A synthesized peptide derived from human KHK-A around the phosphorylation site of S80.
Conjugates	Unconjugated
Other Names	KHK Isoform A; Ketohexokinase Isoform A; Hepatic fructokinase Isoform A
SDS-PAGE MW	33kDA
Concentration	1 mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western Blot: 1/500 - 1/2000

Background

Catalyzes the phosphorylation of the ketose sugar fructose to fructose-1-phosphate.

Bonthron D.T., Brady N., Donaldson I.A., Steinmann B. Hum. Mol. Genet. 3:1627-1631(1994)

Published Papers

Daqian Xu; Xinjian Li; Fei Shao; Guishuai Lv; Hongwei Lv; JongHo Lee; Xu Qian; Zheng Wang; Yan Xia; Linyong Du; Yanhua Zheng; Hongyang Wang; Jianxin Lyu; Zhimin Lu et al., The protein kinase activity of fructokinase A specifies the antioxidant responses of tumor cells by phosphorylating p62, , (2019)

[PMID:31032410](https://pubmed.ncbi.nlm.nih.gov/31032410/)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.