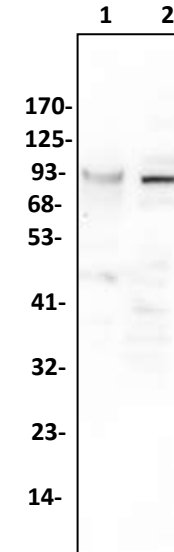


Anti-Hexokinase 2 Antibody

CATALOG NO:	A1458-30T 30 µg (Trial size) A1458-100 100 µg
ALTERNATIVE NAMES:	Hexokinase type II, Muscle form hexokinase, HK2
CONCENTRATION:	0.5 mg/ml
IMMUNOGEN:	Human recombinant Hexokinase 2
INTERNAL ID:	BV-Q63
HOST/ISOTYPE:	Rabbit IgG
PURIFICATION:	Affinity purified rabbit IgG
FORM:	Liquid
FORMULATION:	In PBS pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% proclin
SPECIES REACTIVITY:	Human
STORAGE CONDITIONS:	Store at -20°C. Avoid repeated freeze/thaw cycles.
DESCRIPTION:	Hexokinase is the first enzyme in the glycolytic pathway, catalyzing the transfer of a phosphoryl group from ATP to glucose to form glucose-6-phosphate and ADP. In vertebrates there are four major glucose-phosphorylating isoenzymes, designated hexokinase I, II, III, and IV. This enzyme is found in most cells, but there is tissue specificity for the particular type of hexokinase. Hexokinase 2 is found in the skeletal muscle and includes hydrophobic N terminal sequence capable of targeting the hexokinase to mitochondria. It also constitutes the principal regulated isoform in many other cell types and is increased in many cancers. Although found in NIDDM patients, genetic variations of HK 2 do not contribute to the disease.
APPLICATION:	Western blot: 1-4 µg Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot analysis of Hexokinase 2 antibody in:

Lane 1: Jurkat cell lysate
Lane 2: 3T3 cell lysate

RELATED PRODUCTS:

- Human Recombinant Hexokinase 2 (**Cat. No. 6308**)
- Anti-Hexokinase II Antibody (1E8-H3-F11) (**Cat. No. A1327**)
- HK2 (Hexokinase II) (Center) Antibody (**Cat. No. 3145**)
- HK2 (Hexokinase II) (NT) Antibody (**Cat. No. 3144**)
- PicoProbe™ Hexokinase Activity Assay Kit (Fluorometric) (**Cat. No. K769**)

FOR RESEARCH USE ONLY! Not to be used on humans.