

Rabbit Hexokinase II Monoclonal Antibody | anti-HK2 antibody

Recombinant Hexokinase II Monoclonal Antibody

CATALOG # AAA178800	HOST Rabbit	REACTIVITY Human, Rat, Hamster	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Hexokinase II; Monoclonal Antibody; Recombinant Hexokinase II Monoclonal Antibody; DKFZp686M1669; Hexokinase 2; Hexokinase 2 muscle; Hexokinase type II; Hexokinase-2; HK 2; HK II; HK2; HKII; HxK 2; HxK2; HXK2; Muscle form hexokinase; anti-HK2 antibody

PRODUCT SPECIFICATIONS

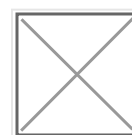
Host	Rabbit
Reactivity	Human, Rat, Hamster
Clonality	Monoclonal
Isotype	IgG
Clone Number	R06-4F4
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-HK2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human Hexokinase II
Research Area	Cancer, Cardiovascular, Metabolism, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of Hexokinase II in paraffin-embedded Human breast cancer tissue using Hexokinase II Rabbit mAb at dilution 1:50



WB (Western Blot)

Western blot detection of Hexokinase II in HeLa, CHO-K1 cell lysates using Hexokinase II Rabbit mAb(1:500 diluted). Predicted band size: 102kDa. Observed band size: 102kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-HK2 antibody	Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes hexokinase 2, the predominant form found in skeletal muscle. It localizes to the outer membrane of mitochondria. Expression of this gene is insulin-responsive, and studies in rats suggest that it is involved in the increased rate of glycolysis seen in rapidly growing cancer cells.
Product Categories/Family for anti-HK2 antibody	Antibodies ; Primary Antibodies ; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	39963174
NCBI GeneID	3099
UniProt Accession #	P52789; Q8WU87; Q9UN82; D6W5J2
Molecular Weight	102,380 Da
NCBI Official Full Name	Hexokinase 2
NCBI Official Synonym Full Names	hexokinase 2
NCBI Official Symbol	HK2
NCBI Official Synonym Symbols	HKII; HXK2
NCBI Protein Information	hexokinase-2; HK II; hexokinase type II; hexokinase-2, muscle; muscle form hexokinase
UniProt Protein Name	Hexokinase-2
UniProt Gene Name	HK2
UniProt Synonym Gene Names	HK II
UniProt Entry Name	HXK2_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hexokinase-ii-antibody-clone-r06-4f4-immunohistochemistry-western-blot-elisa/178800>