

Rabbit HK2/Hexokinase 2 Polyclonal Antibody | anti-HK2 antibody

Anti-HK2/Hexokinase 2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162338	Rabbit	Human Predicted: Mouse, Rat	Western Blot, Immunohistochemistry, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

HK2/Hexokinase 2; Polyclonal Antibody; Anti-HK2/Hexokinase 2 Antibody; Rabbit Polyclonal (IgG) to Human HK2/Hexokinase 2; HK2; Hexokinase II; Hexokinase type II; Hexokinase-2; muscle; HK II; HXK2; Muscle form hexokinase; Hexokinase 2; HKII; Hxk 2; anti-HK2 antibody

PRODUCT SPECIFICATIONS

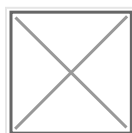
Host	Rabbit
Reactivity	Human Predicted: Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Human HK2/Hexokinase 2
Purity/Purification	Affinity Purified
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3
Sequence Length	917
Applicable Applications for anti-HK2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	Recombinant protein of human HK2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



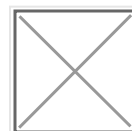
WB (Western Blot)

Western blot analysis of extracts of various cell lines.



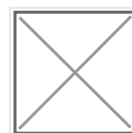
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using HK2 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HK2 antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells.



IHC (Immunohistochemistry)

Human Skeletal Muscle: Formalin-Fixed, Paraffin-Embedded (FFPE)

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 rat suggest that it is involved in the increased rate of glycolysis seen in rapidly growing cancer cells.
Product Categories/Family for anti-HK2 antibody	Non-Protein Kinase; Hexokinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	15553127
NCBI GeneID	3099
NCBI Accession #	NP_000180.2
NCBI GenBank Nucleotide #	NM_000189.4
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
UniProt Protein Name	Hexokinase-2
UniProt Gene Name	HK2
UniProt Synonym Gene Names	HK II

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/polyclonal/hk2-hexokinase-2-antibody-western-blot-immunohistochemistry-immunohistochemistry-immunofluorescence-elisa/162338>