

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

HK2/Hexokinase 2 Rabbit anti-Human Polyclonal (aa74-123) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162500	Rabbit	Human	Western Blot, Immunohistochemistry, Immunohistochemistry

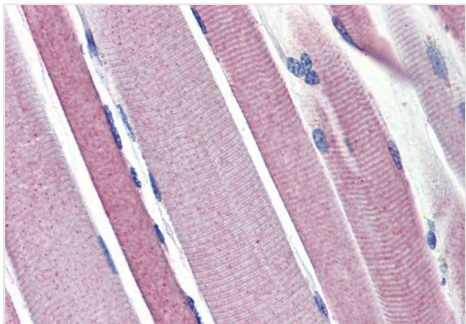
PRODUCT SYNONYMS

HK2/Hexokinase 2; Polyclonal Antibody; HK2/Hexokinase 2 Rabbit anti-Human Polyclonal (aa74-123) Antibody; IHC-plus HK2/Hexokinase 2 Antibody (aa74-123); HK2; Hexokinase II; Hexokinase type II; Hexokinase-2; muscle; HK II; HXK2; Muscle form hexokinase; Hexokinase 2; HKII; Hxk 2; anti-HK2 antibody

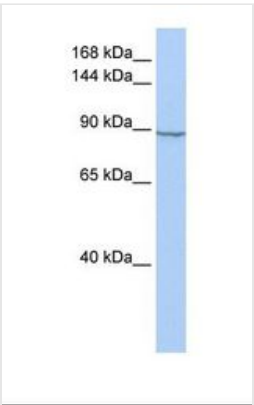
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human HK2/Hexokinase 2
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide, 2% sucrose
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-HK2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	Human HK2/Hexokinase 2
Immunogen	Synthetic peptide located between aa74-123 of human HK2 (P52789, NP_000180). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Guinea pig (100%); Sablefish, Stickleback (92%); Orangutan, Opossum, Turkey, Zebra finch, Chicken, Platypus, Xenopus, Zebrafish, Sea squirt (85%).
Conjugation	Unconjugated
Epitope	aa74-123
Family	Non-protein Kinase
Subfamily	Hexokinase
Preparation and Storage	Short term: Store at 2-8 degree C. Long term: Aliquot and store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
HK2/Hexokinase 2 Antibody-Anti-HK2/Hexokinase 2 antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



WB (Western Blot)
HK2/Hexokinase 2 Antibody-721_B cell lysate. Antibody concentration: 1.0 ug/ml. Gel concentration: 6-18%. This image was taken for the unconjugated form of this product. Other forms have not been tested.

ADDITIONAL INFORMATION

Related Product Information for anti-HK2 antibody	Hexokinase 2 antibody is an unconjugated rabbit polyclonal antibody to Hexokinase 2 (HK2)(aa74-123) from human. It is reactive with human, mouse, rat and other species. Validated for IHC and WB. Tested on 20 paraffin-embedded human tissues. Cited in 1 publication.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15553127
NCBI GeneID	3099
NCBI Accession #	NP_000180.2
NCBI GenBank Nucleotide #	NM_000189
UniProt Accession #	P52789; Q8WU87; Q9UN82; D6W5J2
Molecular Weight	917
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.