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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54304_P050-FITC
Product Page	www.avivasysbio.com/hk2-antibody-middle-region-fitc-arp54304-p050-fitc.html
Name	HK2 Antibody - middle region : FITC (ARP54304_P050-FITC)
Protein Size (# AA)	917 amino acids
Molecular Weight	102kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	3099
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Hexokinase 2
Alias Symbols	HKII, HXK2
Peptide Sequence	Synthetic peptide located within the following region: QRIKENKGEERLRSTIGVDGSVYKKHPHFAKRLHKTVRRLVPGCDVRELR
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Hexokinases phosphorylate glucose to produce glucose-6-phosphate, thus committing glucose to the glycolytic pathway. HK2 (hexokinase 2) is the predominant form found in skeletal muscle. It localizes to the outer membrane of mitochondria. Expression of this protein is insulin-responsive, and studies in rat suggest that it is involved in the increased rate of glycolysis seen in rapidly growing cancer cells.
Protein Interactions	UBQLN1; MAGEA12; SUMO2; SUMO3; UBC; EGFR; rev; H2AFV; WDR61; ARIH2; PDLIM1; PYGL; NUBP1; IPO5; HEXB; FNTA; FBXO6; PARK2; UBD; ITGA4; NUDCD3; UBQLN4; SLC2A4; ELAVL1; PTGDS; ZBTB17; PRKCE; IGFBP4;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-HK2 (ARP54304_P050-FITC) antibody
Blocking Peptide	For anti-HK2 (ARP54304_P050-FITC) antibody is Catalog # AAP54304 (Previous Catalog # AAPP31053)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human HK2
Uniprot ID	P52789
Protein Name	Hexokinase-2
Sample Type Confirmation	HK2 is supported by BioGPS gene expression data to be expressed in HT1080
Protein Accession #	NP_000180
Purification	Affinity Purified
Nucleotide Accession #	NM_000189
Gene Symbol	HK2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 79%; Dog: 100%; Guinea Pig: 92%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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