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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HK2 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00003099-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human HK2 protein.

Immunogen: HK2 (NP_000180, 1 a.a. ~ 917 a.a) full-length human protein.

Sequence:
 MIASHLLAYFFTELNHDQVQKVDQQLYHMRLSDETLLEISKRFKEMEKG
 LGATTHTAAVKMLPTFVRSTPDGTEHGEFLALDLGGTNFRVLWVKVT
 DNGLQKVENENQIYAIPEDIMRSGTQLFDHIAECLANFMDKLQIKDKKLP
 LGFTFSFPCHQTKLDESFLVSWTKGFKSSGVEGRDVVALIRKAIQRRGD
 FDIDIVAVVNDTVGTMTCGYDDHNCEIGLIVGTGSNACYMEEMRHIDMV
 EGDEGRMCINMEWGAFGDDGSLNDRTEFDQEIDMGSLNPGKQLFEKMI
 SGMVMGELVRLILVKMAKEELLFGGKLSPELLNTGRFETKDISDIEGEKD
 GIRKAREVLMRLGLDPTQEDCVATHRICQIVSTRSASLCAATLA AVLQRIK
 ENKGEERLRSTIGVDGSVYKKHPHFAKRLHKTVRRLVPGCDVRF LRSED
 GSGKGAAMVTAVAYRLADQHRARQKTLEHLQLSHDQLLEV KRRMKVEM
 ERGLSKETHASAPVKMLPTYVCATPDGTEKGDFLALDLGGTNFRVLLVR
 VRNGKWWGVEMHNKIYAIPQEV MHGTGDELFDHIVQCIADFLEYMG MKG
 VSLPLGFTFSFPCCQNSLDESILLKWTGFKASGCEGEDVVTLLKEAIHR
 REEFDLDVAVVNDTVGTMTCGFEDPHCEVGLIVGTGSNACYMEEMR
 NVELVEGEEGRMCVNMEWGAFGDNGLDDFRTEFDVAVDEL SLNPGK
 QRF EKISMGYLGEIVRNILIDFTKRGLLFRGRISERL KTRGIFETKFLSQI
 ESDCLALLQVRAILQHLGLESTCDDSIIVKEVCTVARRAAQLCGAGMAA
 VVDRIENRGLDALKVTVGVDGTYKYLHPHFAKVMHETVKDLAPKCDVS
 FLQSEDSGSGKAALITAVACRIREAGQR

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Publication Reference

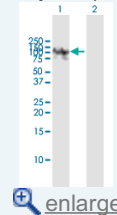
1. [Relationship Between Dual-Time Point FDG PET and Immunohistochemical Parameters in Preoperative Colorectal Cancer: Preliminary Study.](#)
 Lee JH, Lee WA, Park SG, Park DK, Namgung H. Nucl Med Mol Imaging. 2012 Mar;46(1):48-56.

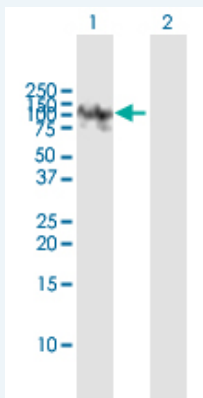
Applications

Western Blot (Transfected lysate)

Application Image

Western Blot (Transfected lysate)





Western Blot analysis of HK2 expression in transfected 293T cell line ([H00003099-T01](#)) by HK2 MaxPab polyclonal antibody.

Lane 1: HK2 transfected lysate(100.87 KDa).

Lane 2: Non-transfected lysate.

Protocol Download

Gene Information

Entrez GeneID: [3099](#)

GeneBank [NM_000189](#)

Accession#:

Protein [NP_000180](#)

Accession#:

Gene Name: HK2

Gene Alias: DKFZp686M1669, HKII, HXK2

Gene hexokinase 2

Description:

Omim ID: [601125](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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.
[provided by RefSeq]

Other hexokinase-2, muscle

Designations:

Gene Pathway

[Amino sugar and nucleotide sugar metabolism](#)

[Biosynthesis of alkaloids derived from histidine and purine](#)

[Biosynthesis of alkaloids derived from ornithine, lysine and nicotinic acid](#)

[Biosynthesis of alkaloids derived from shikimate pathway](#)

[Biosynthesis of alkaloids derived from terpenoid and polyketide](#)

[Biosynthesis of phenylpropanoids](#) [Biosynthesis of plant hormones](#)

[Biosynthesis of terpenoids and steroids](#) [Fructose and mannose metabolism](#)

[Galactose metabolism](#) [Glycolysis / Gluconeogenesis](#) [Insulin signaling pathway](#)

[Metabolic pathways](#) [Starch and sucrose metabolism](#) [Streptomycin biosynthesis](#)

[Type II diabetes mellitus](#)

