

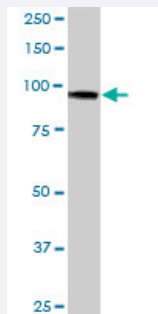
MaxPab®

HK3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003101-B01P

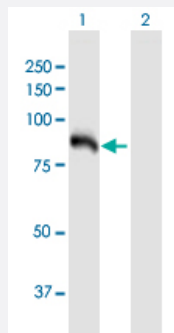
Size 50 ug

Applications



Western Blot (Tissue lysate)

HK3 MaxPab polyclonal antibody. Western Blot analysis of HK3 expression in human spleen.



Western Blot (Transfected lysate)

Western Blot analysis of HK3 expression in transfected 293T cell line ([H00003101-T01](#)) by HK3 MaxPab polyclonal antibody.

Lane 1: HK3 transfected lysate(101.53 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human HK3 protein.

Immunogen

HK3 (AAH28129.1, 1 a.a. ~ 923 a.a) full-length human protein.

Sequence	MDSIGSSGLRQGEETLSCSEEGLPGPSDSSELVQECLQQFKVTRAQLQQIQASLLGSMEQALRG QASPAPAVRMLPTYVGSTPHGTEQGDFVVLELGATGASLRVLWVTLTGIEGHRVEPRSQEFVIPQ EVMLGAGQQQLFDFAAHCLSEFLDAQPVNKQGLQLGFSFSFPCHQTGLDRSTLISWTKGFRCSGV EGQDVVQLLRDAIRRQGAYNIDVVAVVNDTVGTMMGCEPGVRPCEVGLVVDGTGNACYMEEAR HVAVLDEDRGRVCVSVWGSFSDDGALGPVLTTFDHTLDHESLNPGAQRFEKMIGGLYLDELVR LVLAHLARCGVLFGGCTSPALLSQGSILLEHVAEMEDPSTGAARVHAILQDLGLSPGASDVVELVQ HVCAAVCTRAAQLCAAALAAVLSCQLHSREQQTLQVAVATGGRVCERHPRFCVSLQGTVMMLLA PECDVSLIPSVDDGGGRGVAMVTAVAAARLAHRRLLEETLAPFRLNHDQLAAVQAQMRKAMAKG LRGEASSLRMLPTFVRATPDGSERGDFLALDLGGTNFRVLLVRVTTGVQITSEIYSIPETVAQGSG QQLFDHVDCIVDFQQKQGLSGQSLPLGFTFSFPCRQLGLDQGILLNWTGKFKASDCEGQDVVSL LREAITRRQAVELNVVAVNNDTVGTMMSGYEDPRCEIGLVGTGTNACYMEELRNAGVPGDSG RMCINMEWGAFGDDGSLAMLSTRFDASVDQASINPGKQRFKEMISGMYLGENVRHILLHLTSLGVL FRGQQIQRQLQTRDIFKTKFLSEIESDSLALRQVRAILEDLGLPLTSDDALMVLEVCQAVSQRAAQL CGAGVAAVVEKIRENRGLEELAVSVGVDGTLKYLHPRFSSLVAATVRELAPRCVVTFLLQSEDGS GKGAALVTAVACRLAQLTRV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (85)
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.

Applications

- Western Blot (Tissue lysate)

HK3 MaxPab polyclonal antibody. Western Blot analysis of HK3 expression in human spleen.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of HK3 expression in transfected 293T cell line ([H00003101-T01](#)) by HK3 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — HK3

Entrez GeneID	3101
GeneBank Accession#	BC028129.1
Protein Accession#	AAH28129.1
Gene Name	HK3
Gene Alias	HKIII, HXK3
Gene Description	hexokinase 3 (white cell)
Omim ID	142570
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 3. Similar to hexokinases 1 and 2, this allosteric enzyme is inhibited by its product glucose-6-phosphate. [provided by RefSeq]
Other Designations	ATP:D-hexose 6-phosphotransferase hexokinase 3

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)
- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [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](#)