

Datasheet for ABIN516456

anti-Hexokinase 2 antibody (AA 1-917)

1 Image

1 Publication



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Overview

Quantity:	50 µg
Target:	Hexokinase 2 (HK2)
Binding Specificity:	AA 1-917
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This Hexokinase 2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	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:	MIASHLLAYF FTELNHDQVQ KVDQQLYHMR LSDETLLEIS KRFRKEMEKG LGATTHPTAA VKMLPTFVRS TPDGTEHGEF LALDLGGTNF RVLWVKVTDN GLQKVMENQ IYAIPEIMR GSGTQLFDHI AECLANFMDK LQIKDKKLPL GFTFSFPCHQ TKLDESFLVS WTKGFKSSGV EGRDVVALIR KAIQRRGDFD IDIVAVVNDT VGTMMTCGYD DHNCEIGLIV GTGSNACYME EMRHIDMVEG DEGRMCINME WGAFGDDGSL NDIRTEFDQE IDMGSLNPGK QLFKEMISGM YMGELVRLIL VKMAKEELLF GKKLSPELLN TGRFETKDIS DIEGEKDGIR KAREVLMRLG LDPTQEDCVA THRICQIVST RSASLCAATL AAVLQRIKEN KGEERLSTI GVDGVSYYKKH PHFAKRLHKT VRRVLPKCDV RFLRSEDGSG KGAAMVTAVA YRLADQHRAR QKTLEHLQLS HDQLLEVKRR MKVEMERGLS KETHASAPVK MLPTYVCATP DGTEKGDFLA LDLGGTNFRV LLVRVRNGKW GGVEMHNKIY AIPQEVMHGT GDELFDHIVQ CIADFLEYMG MKGVSLPLGF

Product Details

TFSFPCQQNS LDESILLKWT KGFKASGCEG EDVVTLLKEA IHRREEFDLD WVAVNDTVG
TMMTCGFEDP HCEVGLIVGT GSNACYMEEM RNVELVEGEE GRMVCVMEWG AFGDNGCLDD
FRTEFDVAVD ELSLNPQKQR FEKMISGMYL GEIVRNILID FTKRGLLFRG RISERLKTRG
IFETKFLSQI ESDCLALLQV RAILQHLGLE STCDDSIIVK EVCTVVARRA AQLCGAGMAA
VVDRIRENRG LDALKVTVGV DGTLYKLHPH FAKVMHETVK DLAPKCDVSF LQSEDGSGKG
AALITAVACR IREAGQR

Cross-Reactivity: Human

Characteristics: Antibody reactive against mammalian transfected lysate.

Target Details

Target: Hexokinase 2 (HK2)

Alternative Name: HK2 ([HK2 Products](#))

Background: Full Gene Name: hexokinase 2
Synonyms: DKFZp686M1669,HKII,HXK2

Gene ID: 3099

NCBI Accession: [NM_000189](#)

Pathways: [PI3K-Akt Signaling](#), [Carbohydrate Homeostasis](#), [Warburg Effect](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

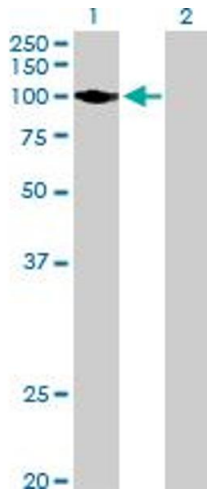
Storage: -20 °C

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

Publications

Product cited in: Lee, Lee, Park, Park, Namgung: "Relationship Between Dual-Time Point FDG PET and

Immunohistochemical Parameters in Preoperative Colorectal Cancer: Preliminary Study." in:
Nuclear medicine and molecular imaging, Vol. 46, Issue 1, pp. 48-56, (2014) ([PubMed](#)).



Western Blotting

Image 1. Western Blot analysis of HK2 expression in transfected 293T cell line by HK2 MaxPab polyclonal antibody.

Lane 1: HK2 transfected lysate(100.87 KDa).

Lane 2: Non-transfected lysate.