

Datasheet for ABIN6746932

anti-Hexokinase 1 antibody (AA 313-362)[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	100 µL
Target:	Hexokinase 1 (HK1)
Binding Specificity:	AA 313-362
Reactivity:	Human, Mouse, Dog, Pig, Cow, Rabbit, Guinea Pig, Hamster, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Hexokinase 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa313-362 of human HK1 (P19367, NP_277033). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Hamster, Dog, Bovine, Rabbit, Pig (100%), Rat, Elephant, Bat, Horse (92%), Mouse (76%). Type of Immunogen: Synthetic peptide
Specificity:	Human HK1 / Hexokinase 1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Dog, Bovine, Rabbit, Pig (100%) Horse (92%).
Purification:	Immunoaffinity purified

Target Details

Target:	Hexokinase 1 (HK1)
Alternative Name:	HK1 / Hexokinase 1 (HK1 Products)
Background:	Name/Gene ID: HK1 Subfamily: Hexokinase Family: Non-protein Kinase Synonyms: HK1, Brain form hexokinase, Hexokinase 1, Hexokinase type I, HK I, HK1-tb, HK1-tc, HKI, Hexokinase type 1, HK1-ta, HXK1, Glycolytic enzyme, Hexokinase-1, Type 1 hexokinase, Type i hexokinase
Gene ID:	3098
NCBI Accession:	NP_277033
UniProt:	P19367
Pathways:	Carbohydrate Homeostasis , Warburg Effect

Application Details

Application Notes:	Approved: WB (1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long

Handling

term use (up to 1 year)

Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

Product cited in: Fallon, Moreau, Croft, Labib, Gu, Fon: "Parkin and CASK/LIN-2 associate via a PDZ-mediated interaction and are co-localized in lipid rafts and postsynaptic densities in brain." in: **The Journal of biological chemistry**, Vol. 277, Issue 1, pp. 486-91, (2002) ([PubMed](#)).

Images

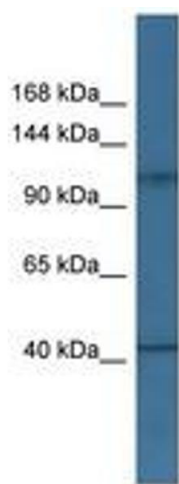


Image 1.