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Datasheet for ABIN7437701

anti-Hexokinase 1 antibody (AA 80-215)

2 Images

Overview

Quantity:	100 µL
Target:	Hexokinase 1 (HK1)
Binding Specificity:	AA 80-215
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Hexokinase 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Hexokinase 1 (HK1)
Immunogen:	Recombinant Hexokinase 1 (HK1) corresponding to Phe80~Met215 (Accession # P05708)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against HK1. It has been selected for its ability to recognize HK1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

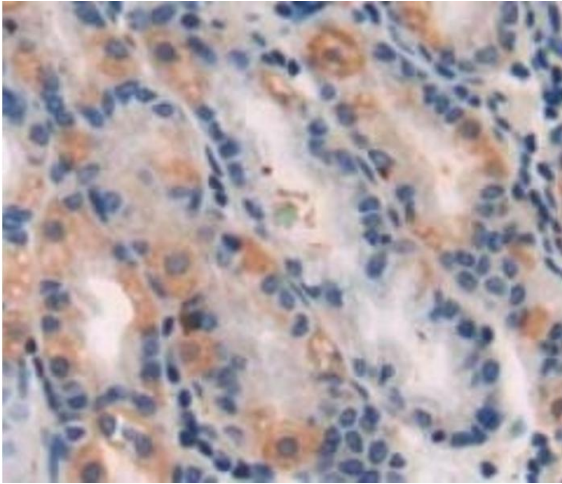
Target:	Hexokinase 1 (HK1)
Alternative Name:	Hexokinase 1 (HK1 Products)
Background:	HK1-Ta, HK1-Tb, HK1-Tc, HKI, HXK1, Brain form hexokinase
Pathways:	Carbohydrate Homeostasis , Warburg Effect

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:180-700 Immunohistochemistry: 5-20 µg/mL 1:18-70 Immunocytochemistry: 5-20 µg/mL 1:18-70 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

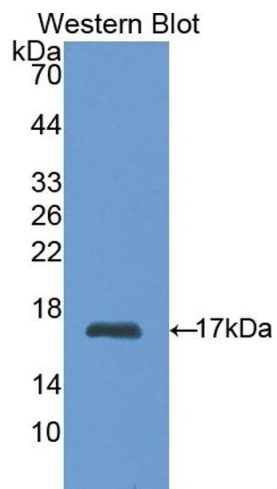
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. #VALUE!



Western Blotting

Image 2. Detection of Recombinant HK1, Rat using Polyclonal Antibody to Hexokinase 1 (HK1)