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Datasheet for ABIN2855701 anti-GLYCTK antibody

2 Images



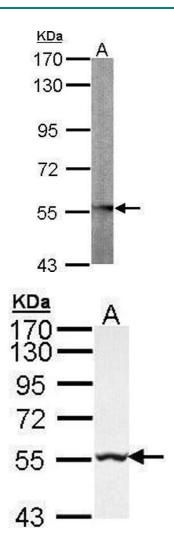
Overview

Quantity:	100 µL
Target:	GLYCTK
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLYCTK antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human GLYCTK.
	The exact sequence is proprietary.
lsotype:	lgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to GLYCTK (glycerate kinase)
	GLYCTK antibody [N2C3]
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	GLYCTK
Alternative Name:	glycerate kinase (GLYCTK Products)

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Target Details	
Background:	This locus encodes a member of the glycerate kinase type-2 family. The encoded enzyme catalyzes the phosphorylation of (R)-glycerate and may be involved in serine degradation and fructose metabolism. Decreased activity of the encoded enzyme may be associated with the disease D-glyceric aciduria. Alternatively spliced transcript variants have been described.
	Cellular Localization: Isoform 1: Cytoplasm , Isoform 2: Cytoplasm , Mitochondrion
Molecular Weight:	55 kDa
Gene ID:	132158
UniProt:	Q8IVS8
Application Details	
Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Mouse liver , HepG2
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

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Western Blotting

Image 1. WB Image Sample (50 ug of whole cell lysate) A: mouse liver 7.5% SDS PAGE antibody diluted at 1:1000

Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: Hep G2 , 7.5% SDS PAGE antibody diluted at 1:1000

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