

Datasheet for ABIN391114
anti-GALK1 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	GALK1
Binding Specificity:	AA 345-375, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALK1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GALK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 345-375 amino acids from the C-terminal region of human GALK1.
Clone:	RB05317
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	GALK1
Alternative Name:	GALK1 (GALK1 Products)

Target Details

Background:	Galactokinase is a major enzyme for the metabolism of galactose and its deficiency causes congenital cataracts in the adult population. GALK1 sequence shares the greatest level of conservation, 44.5 % identity with that from E. coli and 34.6 % amino acid identity with the product of the human GALK2 gene.
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Molecular Weight:	42272
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Gene ID:	2584
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NCBI Accession:	NP_000145
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UniProt:	P51570
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Application Details

Application Notes:	WB: 1:1000. WB: 1:1000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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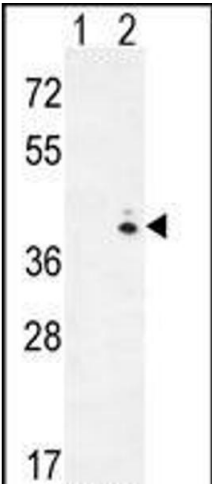
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C,-20 °C
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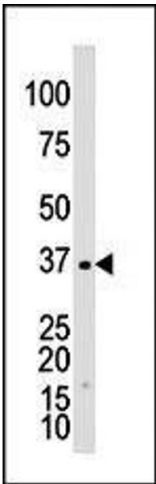
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
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Expiry Date:	6 months
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Western Blotting

Image 1. Western blot analysis of GALK1 (arrow) using rabbit polyclonal hGALK1- (ABIN391114 and ABIN2841244). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the GALK1 gene.



Western Blotting

Image 2. The anti-GALK1 Pab (ABIN391114 and ABIN2841244) is used in Western blot to detect GALK1 in Y79 cell lysate.