Datasheet for ABIN1533696

anti-Glycerol Kinase antibody (AA 461-510)

2 Images

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Overview

Quantity:	100 µL
Target:	Glycerol Kinase (GK)
Binding Specificity:	AA 461-510
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glycerol Kinase antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human GK.
Isotype:	IgG
Specificity:	GK Antibody detects endogenous levels of total GK protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Glycerol Kinase (GK)
Alternative Name:	GK (GK Products)
Background:	Synonyms: Glycerol kinase, ATP:glycerol 3-phosphotransferase, Glycerokinase, GK

Target Details

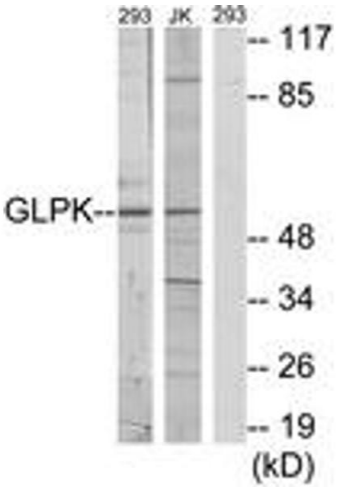
	NCBI Gene Symbol: GK
Molecular Weight:	57 kDa
Gene ID:	2710
OMIM:	300474
UniProt:	P32189

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.1466 (NCBI Gene Symbol: GK)
Restrictions:	For Research Use only

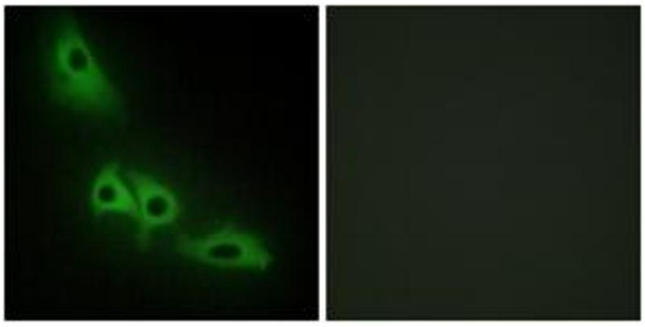
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from 293/Jurkat cells, using GK Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells, using GK Antibody. The picture on the right is treated with the synthesized peptide.