Datasheet for ABIN334340

anti-Acylglycerol Kinase antibody (C-Term)

1 Image

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Overview

Quantity:	100 µg
Target:	Acylglycerol Kinase (AGK)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Acylglycerol Kinase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Acylglycerol kinase
Immunogen:	Peptide with sequence CDPRKREQMLTSP, from the C Terminus of the protein sequence according to NP_060708.1.
Sequence:	CDPRKREQML TSP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	Acylglycerol Kinase (AGK)
Alternative Name:	AGK (AGK Products)
Background:	Acylglycerol kinase, FLJ10842 , MULK, multi-substrate lipid kinase , multiple substrate lipid kinase, AGK
Gene ID:	55750, 69923
NCBI Accession:	NP_060708

Application Details

Application Notes:	Western Blot: Approx 50 kDa band observed in Human Brain (Substantia nigra, Hippocampus) lysates (calculated MW of 47.1 kDa according to NP_060708.1). Recommended concentration: 1-3 µg/mL. An additional band of unknown identity was also consistently observ Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Image 1. ABIN334340 (1µg/ml) staining of Human Brain (Substantia nigra) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.