

Datasheet for ABIN716741

anti-Acylglycerol Kinase antibody (AA 335-422)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Acylglycerol Kinase (AGK)
Binding Specificity:	AA 335-422
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Acylglycerol Kinase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Acylglycerol Kinase
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	Acylglycerol Kinase (AGK)
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Target Details

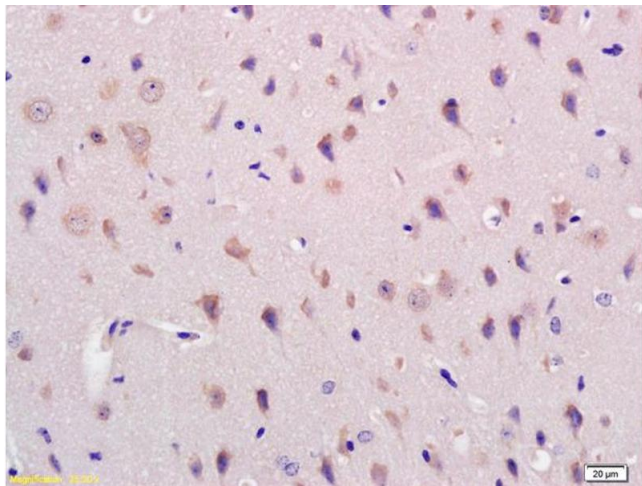
Alternative Name:	Acylglycerol Kinase (AGK Products)
Background:	<p>Synonyms: MULK, CATC5, CTRCT38, MTDPS10, Acylglycerol kinase, mitochondrial, hAGK, Multiple substrate lipid kinase, HsMuLK, Multi-substrate lipid kinase, AGK</p> <p>Background: Lipid kinase that can phosphorylate both monoacylglycerol and diacylglycerol to form lysophosphatidic acid (LPA) and phosphatidic acid (PA), respectively. Does not phosphorylate sphingosine. Overexpression increases the formation and secretion of LPA, resulting in transactivation of EGFR and activation of the downstream MAPK signaling pathway, leading to increased cell growth.</p>
Gene ID:	55750
UniProt:	Q53H12

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded mouse brain labeled with Rabbit Anti Acylglycerol Kinase Polyclonal Antibody, Unconjugated (ABIN716741) at 1:200 followed by conjugation to the secondary antibody and DAB staining