

Rabbit anti-Human, Mouse AGK Polyclonal Antibody | anti-AGK antibody

AGK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232898	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

AGK; Polyclonal Antibody; AGK Antibody; Acylglycerol kinase; mitochondrial; Multiple substrate lipid kinase; HsMuLK; MuLK; Multi-substrate lipid kinase; MULK; anti-AGK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	422
Applicable Applications for anti-AGK antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Acylglycerol kinase, mitochondrial protein (32-65AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-160547 / sc-160548
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA232898 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA232898 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in:Mouse brain tissue,Mouse kidney tissue,Mouse stomach tissueAll lanes: AGK antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 48.8 kDaObserved band size: 48 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-AGK antibody	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.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	8922701
NCBI GeneID	55750
NCBI Accession #	NP_060708.1
NCBI GenBank Nucleotide #	NM_018238.3
UniProt Accession #	Q53H12; Q75KN1; Q96GC3; Q9NP48
Molecular Weight	7,634 Da
NCBI Official Full Name	acylglycerol kinase, mitochondrial
NCBI Official Synonym Full Names	acylglycerol kinase
NCBI Official Symbol	AGK
NCBI Official Synonym Symbols	MULK; CATC5; CTRCT38; MTDPS10
NCBI Protein Information	acylglycerol kinase, mitochondrial
UniProt Protein Name	Acylglycerol kinase, mitochondrial
UniProt Gene Name	AGK
UniProt Synonym Gene Names	MULK; hAGK; HsMuLK; MuLK; Multi-substrate lipid kinase
UniProt Entry Name	AGK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.