

Anti-AGK antibody



Description	Unconjugated Rabbit polyclonal to AGK
Model	STJ190226
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human AGK protein.
Immunogen Region	330-410aa
Gene ID	55750
Gene Symbol	AGK
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	AGK Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Highly expressed in muscle, heart, kidney and brain.
Purification	AGK antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Acylglycerol kinase, mitochondrial hAGK Multiple substrate lipid kinase HsMuLK MuLK Multi-substrate lipid kinase
Molecular Weight	46 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:21869OMIM:212350
Alternative Names	Acylglycerol kinase, mitochondrial hAGK Multiple substrate lipid kinase HsMuLK MuLK Multi-substrate lipid kinase
Function	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.
Cellular Localization	Mitochondrion membrane

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com