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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57170_P050-FITC
Product Page	www.avivasysbio.com/agk-antibody-n-terminal-region-fitc-arp57170-p050-fitc.html
Name	AGK Antibody - N-terminal region : FITC (ARP57170_P050-FITC)
Protein Size (# AA)	422 amino acids
Molecular Weight	47kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	55750
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Acylglycerol kinase
Alias Symbols	MULK, CATC5, CTRCT38, MTDPS10
Peptide Sequence	Synthetic peptide located within the following region: KKLLELMENTDVIIVAGGGDTLQEVVTVGLRRIDEATFSKIPIGFIPLGE
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	AGK is a lipid kinase that can phosphorylate both monoacylglycerol and diacylglycerol to form lysophosphatidic acid (LPA) and phosphatidic acid (PA), respectively. AGK does not phosphorylate sphingosine. Overexpression of AGK 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.
Protein Interactions	PCSK9; UBC; RNF2; BMI1; PARK2; FBXO6; UBD; CUL3; AGO4; RYK; ICT1; SNX4; PDLIM1; HCK;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-AGK (ARP57170_P050-FITC) antibody
Blocking Peptide	For anti-AGK (ARP57170_P050-FITC) antibody is Catalog# AAP57170 (Previous Catalog # AAPP40822)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human AGK
Uniprot ID	Q53H12
Protein Name	Acylglycerol kinase, mitochondrial
Protein Accession #	NP_060708
Purification	Affinity Purified
Nucleotide Accession #	NM_018238
Gene Symbol	AGK
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 86%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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