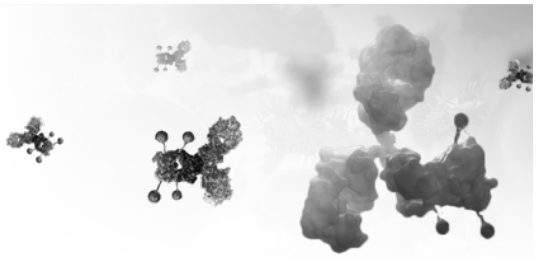

Anti-AGK (aa 49-280) polyclonal antibody (DPABH-25009)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Recombinant fragment, corresponding to amino acids 49-280 of Human Acylglycerol Kinase (BC022777).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P, ELISA
Format	Liquid
Size	100 µg
Buffer	Constituents: PBS
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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GENE INFORMATION

Gene Name	AGK acylglycerol kinase [Homo sapiens]
Official Symbol	AGK
Synonyms	AGK; acylglycerol kinase; MULK; CATC5; CTRCT38; MTDPS10; acylglycerol kinase, mitochondrial; hAGK; hsMuLK; multi-substrate lipid kinase; multiple substrate lipid kinase;
Entrez Gene ID	55750
Protein Refseq	NP_060708.1
UniProt ID	A4D1U5
Pathway	Glycerolipid metabolism;
Function	ATP binding; NAD+ kinase activity; acylglycerol kinase activity; ceramide kinase activity

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