

Datasheet for ABIN6746491

anti-Acylglycerol Kinase antibody (AA 35-84)**1** Image**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Acylglycerol Kinase (AGK)
Binding Specificity:	AA 35-84
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Cow, Horse, Hamster, Bat, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Acylglycerol Kinase antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa35-84 of human AGK (Q53H12, NP_060708). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Galago, Marmoset, Mouse, Rat, Hamster, Dog, Bovine, Bat, Rabbit, Pig, Guinea pig (100%), Monkey, Elephant, Platypus (92%), Lizard (91%), Horse (85%), Turkey, Chicken (84%), Zebra finch (83%). Type of Immunogen: Synthetic peptide
Specificity:	Human AGK
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Pig, Guinea pig (100%) Horse (85%) Chicken (84%).
Purification:	Immunoaffinity purified

Target Details

Target:	Acylglycerol Kinase (AGK)
Alternative Name:	AGK (AGK Products)
Background:	Name/Gene ID: AGK Subfamily: Diacylglycerol kinase Family: Non-protein Kinase Synonyms: AGK, Acylglycerol kinase, CATC5, HAGK, MTDPS10, Multi-substrate lipid kinase, MULK, HsMuLK
Gene ID:	55750
NCBI Accession:	NP_060708
UniProt:	Q53H12

Application Details

Application Notes:	Approved: WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

- Product cited in: Ohashi, Burkart, Flohé, Kolb: "Cutting edge: heat shock protein 60 is a putative endogenous ligand of the toll-like receptor-4 complex." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 164, Issue 2, pp. 558-61, (2000) ([PubMed](#)).
- Xanthoudakis, Roy, Rasper, Hennessey, Aubin, Cassady, Tawa, Ruel, Rosen, Nicholson: "Hsp60 accelerates the maturation of pro-caspase-3 by upstream activator proteases during apoptosis." in: **The EMBO journal**, Vol. 18, Issue 8, pp. 2049-56, (1999) ([PubMed](#)).
- Venner, Singh, Gupta: "Nucleotide sequences and novel structural features of human and Chinese hamster hsp60 (chaperonin) gene families." in: **DNA and cell biology**, Vol. 9, Issue 8, pp. 545-52, (1991) ([PubMed](#)).

Images

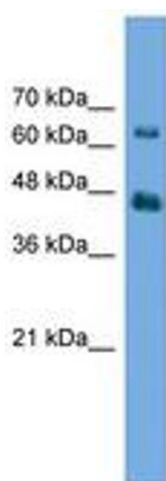


Image 1.