

## ARG64283 anti-Acylglycerol kinase antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes Acylglycerol kinase
Tested Reactivity	Hu
Predict Reactivity	Ms
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Acylglycerol kinase
Species	Human
Immunogen	CDPRKREQMLTSP
Conjugation	Un-conjugated
Alternate Names	MULK; CATC5; MuLK; hAGK; HsMuLK; Acylglycerol kinase, mitochondrial; CTRCT38; Multi-substrate lipid kinase; EC 2.7.1.94; Multiple substrate lipid kinase; EC 2.7.1.107; MTDPS10

### Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml

**Application Note**  
WB: Recommend incubate at RT for 1h.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links [GeneID: 55750 Human](#)

[Swiss-port # Q53H12 Human](#)

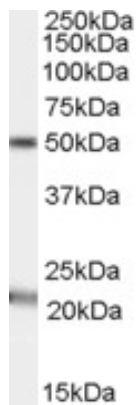
Background The protein encoded by this gene is a mitochondrial membrane protein involved in lipid and glycerolipid metabolism. The encoded protein is a lipid kinase that catalyzes the formation of phosphatidic and lysophosphatidic acids. Defects in this gene have been associated with mitochondrial DNA depletion syndrome 10. [provided by RefSeq, Feb 2012]

Research Area Cancer antibody; Signaling Transduction antibody

Calculated Mw 47 kDa

## Images

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ARG64283 anti-Acylglycerol kinase antibody WB image

Western Blot: Human Brain (Substantia nigra) lysate (35 µg protein in RIPA buffer) stained with ARG64283 anti-Acylglycerol kinase antibody at 1 µg/ml dilution.