

Datasheet for ABIN6572107

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

Overview

| | |
|--------------|--|
| Quantity: | 200 µL |
| Target: | Acylglycerol Kinase (AGK) |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Acylglycerol Kinase antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|---------------|----------------------------------|
| Immunogen: | Recombinant protein of human AGK |
| Isotype: | IgG |
| Purification: | Affinity purification |

Target Details

| | |
|-------------------|---|
| Target: | Acylglycerol Kinase (AGK) |
| Alternative Name: | AGK (AGK Products) |
| Background: | <p>Synonyms: 2610037M15Rik,6720408I04Rik,Acylglycerol kinase mitochondrial,Acylglycerol kinase, mitochondrial,agk,AGK,AI465370,FLJ10842,hAGK,HsMuLK,MuLK,Multi substrate lipid kinase,Multi-substrate lipid kinase,Multiple substrate lipid kinase,RGD1562046</p> <p>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</p> |

Target Details

| | |
|-------------------|---|
| | formation of phosphatidic and lysophosphatidic acids. Defects in this gene have been associated with mitochondrial DNA depletion syndrome 10. |
| Molecular Weight: | Observed_MW: 47kDa Calculated_MW: 7kDa/47kDa |
| Gene ID: | 55750 |
| UniProt: | Q53H12 |

Application Details

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|--------------------|-----------------------|
| Application Notes: | WB 1:500 - 1:2000 |
| Restrictions: | For Research Use only |

Handling

| | |
|--------------------|--|
| Concentration: | 1 mg/mL |
| Buffer: | Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |

Images



100KD—
70KD—
55KD—
40KD—

293T SH-SY5Y HepG2 HeLa 22Rv1 BT-474 K562 Mouse brain

—AGK

Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using AGK antibody.