EB07991 - Goat Anti-Acylglycerol kinase Antibody
Size: 100µg specific antibody in 200µl

Target Protein
Principal Names: acylglycerol kinase, FLJ10842, MULK, multi-substrate lipid kinase, multiple substrate lipid kinase, AGK
Official Symbol: AGK
Accession Number(s): NP_060708.1
Human GeneID(s): 55750
Non-Human GeneID(s): 69923 (mouse)

Immunogen
Peptide with sequence CDPRKREQMLTSP, from the C Terminus of the protein sequence according to NP_060708.1.

Please note the peptide is available for sale.

Purification and Storage
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested
**Peptide ELISA:** antibody detection limit dilution 1:16000.
Western blot: Approx 50kDa band observed in Human Brain (Substantia nigra, Hippocampus) lysates (calculated MW of 47.1kDa according to NP_060708.1). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 22kDa. This band was successfully blocked by incubation with the immunising peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity
Tested: Human
Expected from sequence similarity: Human, Mouse

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
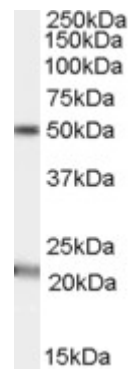
EB07991 (1µg/ml) staining of Human Brain (Substantia nigra) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.