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Research Use Only. Not for diagnostic or therapeutic use.

EB05419-B - Goat Anti-AIF1 / IBA1 (isoform 1 and 3), biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: AIF1, allograft inflammatory factor 1, AIF-1, IBA1, IRT-1, IRT1, allograft inflammatory factor-1 splice variant Hara-1, interferon gamma responsive transcript, ionized calcium-binding adapter molecule 1, protein G1, DADB-70P7.8, Daintain

Official Symbol: AIF1

Accession Number(s): NP_116573.1; NP_004838.1; NP_001614.3

Human GeneID(s): 199

Non-Human GenelD(s): 11629 (mouse), 29427 (rat)

Important Comments: This antibody is expected to recognize isoform 1 (NP_116573.1)

and isoform 3 (NP_001614.3).

Immunogen

Peptide with sequence C-TGPPAKKAISELP., from the C Terminus of the protein sequence according to NP_116573.1; NP_004838.1; NP_001614.3.

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 1:128000.

Western blot: Approx 17kDa band observed in Rat Brain lysates (calculated MW of 16.7kDa according to NP_001614.3). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human, Rat

Expected from sequence similarity: Human, Mouse, Rat, Pig

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Biotinylated EB05419 (0.1μg/ml) staining of Rat Brain lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.