



## UK Office

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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 GeneID(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

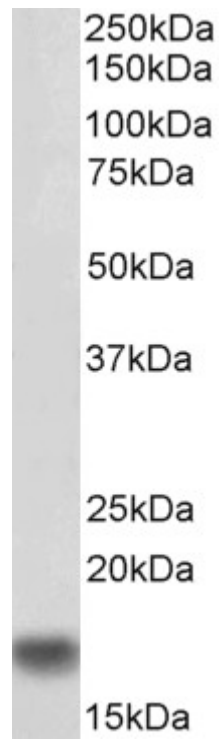
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**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



Biotinylated EB05419 (0.1 $\mu$ g/ml) staining of Rat Brain lysate (35 $\mu$ g 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.