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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07257 - Goat Anti-AIF1 / IBA1 (isoforms 1 + 3) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: AIF1, IBA1, allograft inflammatory factor 1, DASS-82G15.2, AIF-1, IRT-1, Em:AF129756.17, interferon gamma responsive transcript, ionized calcium-binding adapter molecule

Official Symbol: AIF1

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

Human GeneID(s): [199](#)

Important Comments: This antibody is expected to recognise isoform 1 (NP_116573.1) and isoform 3 (NP_001614.3).

Immunogen

Peptide with sequence C-YEEKAREKEKP, from the C Terminus of the protein sequence according to NP_116573.1; 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 1:16000.

Western blot: Approx 16kDa band observed in Human Lymph Node and Spleen lysates (calculated MW of 16.7kDa according to NP_001614.3. Recommended concentration: 1-3µg/ml.

IHC: In paraffin embedded Human Cerebellum shows staining of astrocytes. Recommended concentration, 2-4µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB07257 (1 µg/ml) staining of Human Lymph Node lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB07257 (4 µg/ml) staining of paraffin embedded Human Cerebellum. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.