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

EB07174 - Goat Anti-AIF1 / IBA1 (isoform 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_001614.3

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

Non-Human GeneID(s): 11629 (mouse)

Important Comments: This antibody is expected to recognise isoform 3 (NP_001614.3) only.

Immunogen

Peptide with sequence C-NKQFLDDPKYSSDED, from the internal region of the protein sequence according to 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 1:32000.

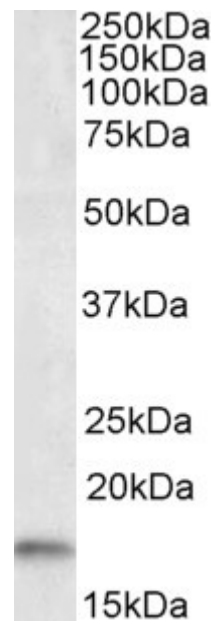
Western blot: Approx 17kDa band observed in Human Brain (Frontal Cortex) lysate (calculated MW of 16.7kDa according to NP_001614.3). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour.

IHC: In paraffin embedded Mouse Brain shows staining of astrocytes. Recommended concentration: 2-4µg/ml.

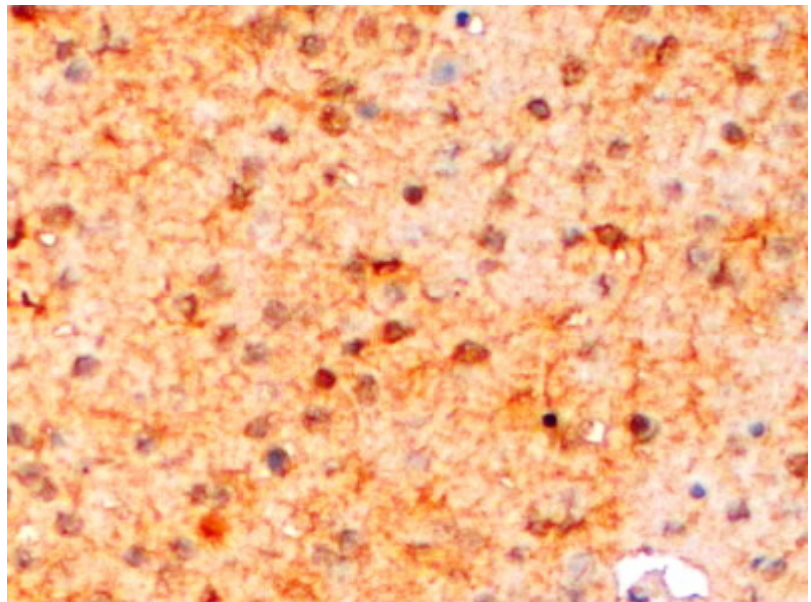
Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Dog



EB07174 (0.5 μ g/ml) staining of Human Frontal Cortex lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB07174 (2 μ g/ml) staining of paraffin embedded Mouse Brain. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.