



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



Size: 100µg specific antibody in 200µl

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Research Use Only. Not for diagnostic or therapeutic use.

Target Protein

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

Official Symbol: AIF1

Accession Number(s): NP_116573.1; 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_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 16kDa band observed in Human Brain (Frontal Cortex), Mouse, Rat and Pig Brain lysates (calculated MW of 16.7kDa according to NP_001614.3).

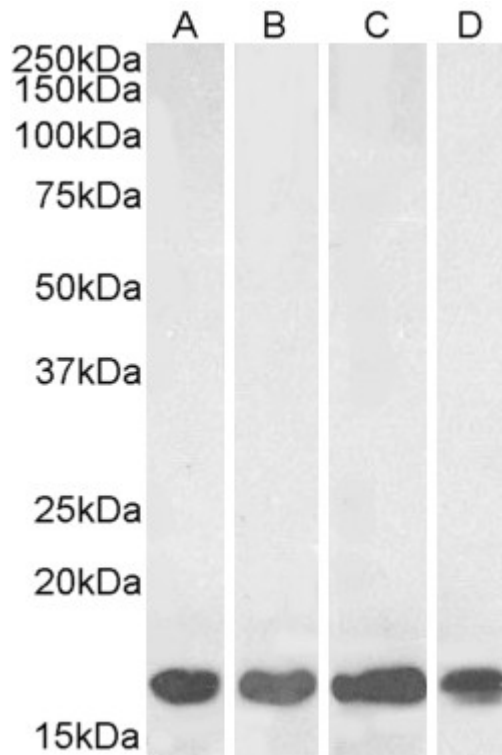
Recommended concentration: 1-3µg/ml.

This antibody can also be purchased as directly conjugated to HRP. Please specify when you order.

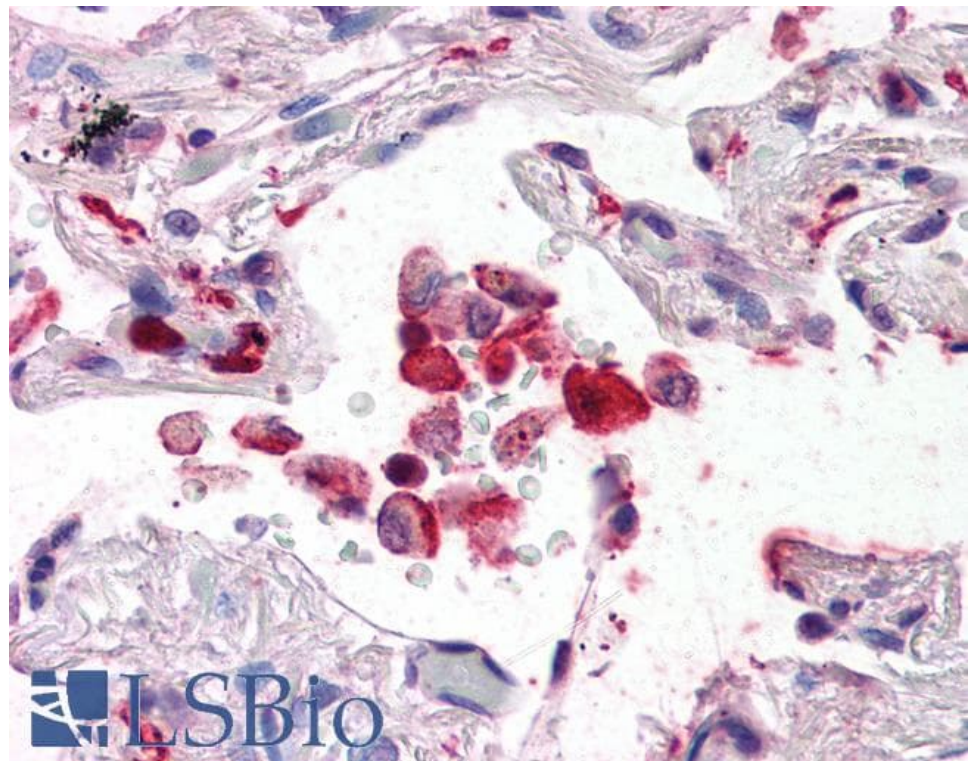
Species Reactivity

Tested: Human, Rat, Mouse, Pig

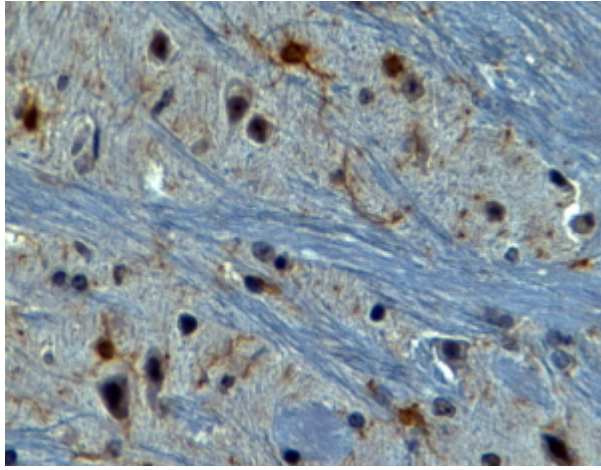
Expected from sequence similarity: Human, Mouse, Rat, Pig



EB05419 (1 μ g/ml) staining of Human Brain (Frontal Cortex (A) Rat (B) Mouse (C) and Swine (D) Brain lysates (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB05419 (5 μ g/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining. This data was obtained using a previous batch.



EB05419 (2 μ g/ml) staining of paraffin embedded Mouse Brain. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining. This data was obtained using a previous batch.