



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

Size: 100µg specific antibody in 200µl



UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106
Ramona,
CA 92065
USA

Inquiries:

info@everestbiotech.com

Sales:

usasales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

www.everestbiotech.com

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 1:32000.

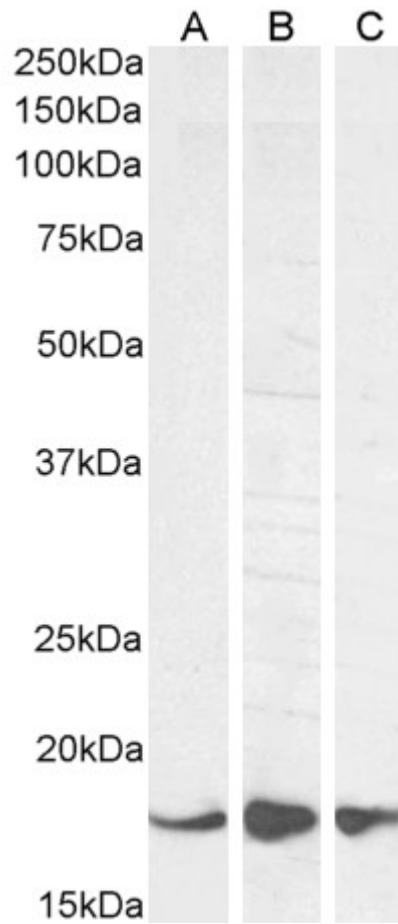
Western blot: Approx 18kDa band observed in Human Brain (Frontal Cortex), 17kDa in Mouse Brain and 16kDa in Rat Brain lysates (calculated MW of 16.7kDa according to Human NP_001614.3, and 16.8kDa according to Mouse NP_062340.1 and Rat NP_058892.1). Recommended concentration: 0.5-1µg/ml.

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

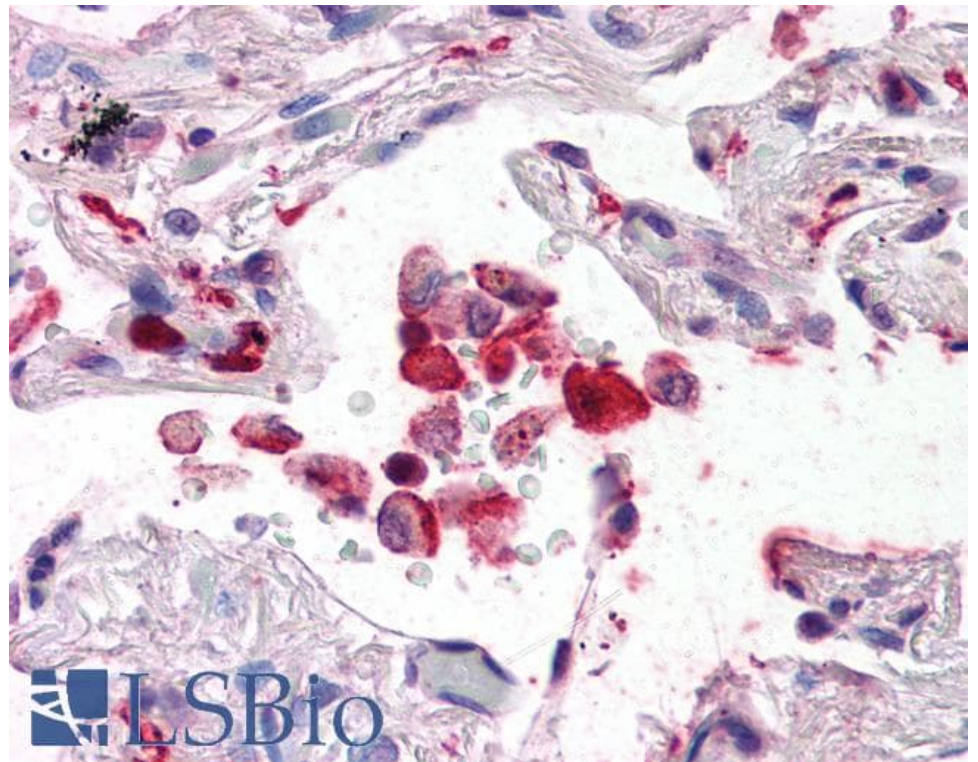
Species Reactivity

Tested: Human, Mouse, Rat

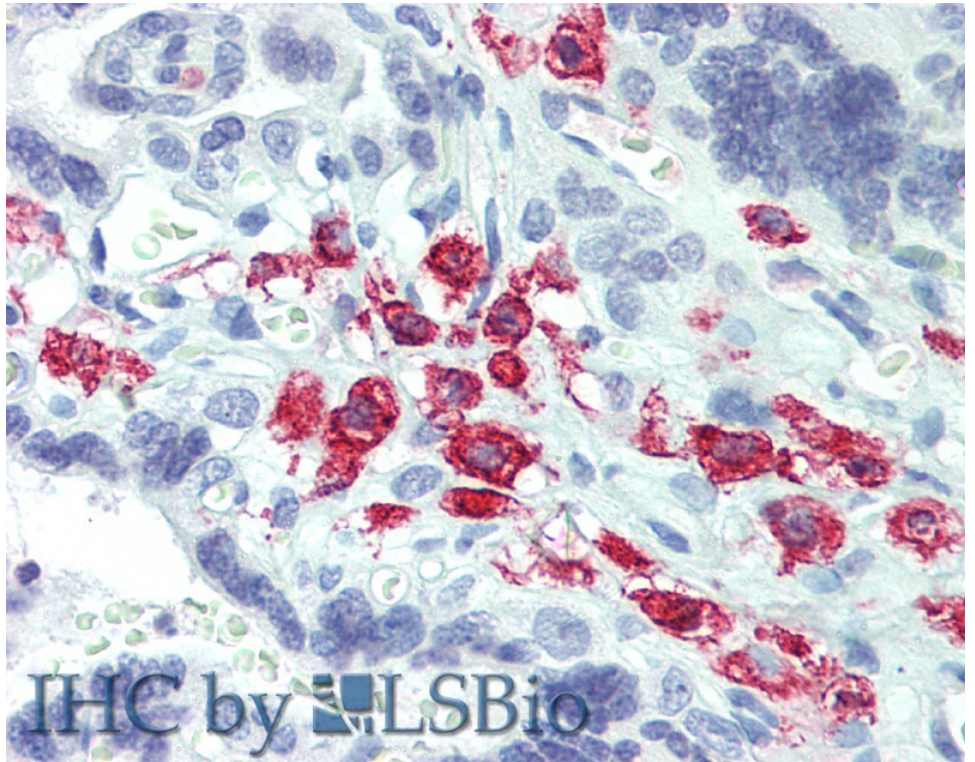
Expected from sequence similarity: Human, Mouse, Rat, Pig



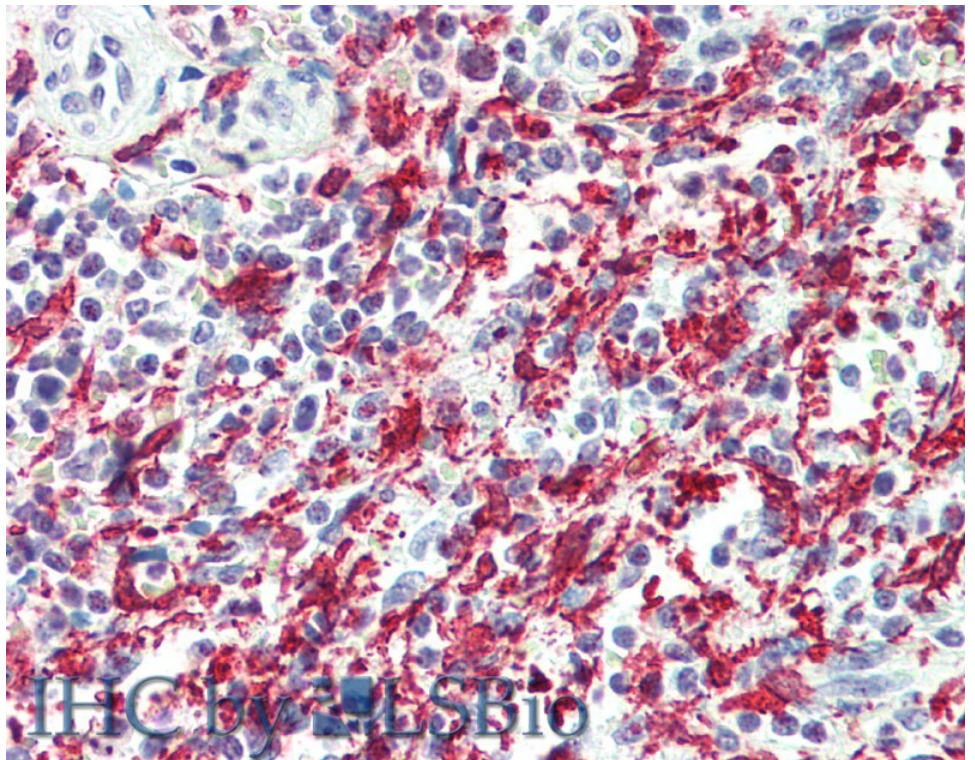
EB05419 (1µg/ml) staining of Human (A) and (0.5µg/ml) of Mouse (B) and Rat (C) Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



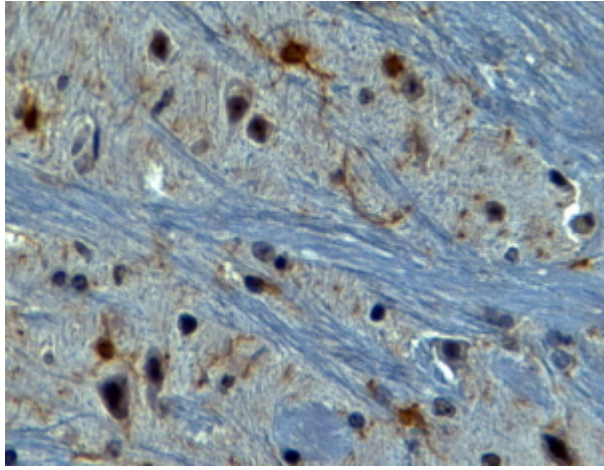
EB05419 (5µg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with Tris/EDTA buffer pH 9, AP-staining. **This data is from a previous batch, not on sale.**



EB05419 (5 μ g/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**



EB05419 (5 μ g/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**



EB05419 (2 μ g/ml) staining of paraffin embedded Mouse Brain. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining. **This data is from a previous batch, not on sale.**