

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

Catalog No: tcva05419



Available Sizes

Size: 100µg



Specifications

Application:

Pep-ELISA, WB

Research Area:

inflammation; cardiovascular; diabetes; insulin signaling; CNS; microglia; disease; immunology;

Species Reactivity:

Human, Mouse, Rat, Pig

Host Species:

Goat

Immunogen / Amino acids:

C-TGPPAKKAISELP

Conjugation:

Unconjugated

Form:

Liquid

Storage Buffer:

Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Concentration:

0.5 mg/ml in 200 µl

Recommended Dilution:

Western Blot: Approx 16kDa band observed in Human Brain (Frontal Cortex)

Mouse

Rat and Pig Brain lysates (calculated MW of 16.7kDa according to Human NP_001614.3 and Pig NP_001123422.1)

16.9kDa according to Mouse NP_062340.1 and 16.8kDa according to Rat NP_058892.1). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:128000.

Amino Acid Sequence:

NP_116573.1; NP_001614.3

Storage Instruction:

Aliquot store at -20C. Avoid freeze / thaw cycles.

Alternative Names:

AIF1; IBLY409840A1; allograft inflammatory factor 1; AIF-1; IRT-1; interferon gamma responsive transcript; ionized calcium-binding adapter molecule; Daintain; DADB-70P7.8

Gene ID:

199 (human);11629 (mouse); 29427 (rat);

Reference Sequence No.:

NP_116573.1; NP_001614.3

Calculated Molecular Weight:

10.5; 16.7

Purification:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide

DS Gene Ontology Terms:

cell cycle arrest; negative regulation of cell proliferation; response to stress; inflammatory response; nucleus

Positive Control:

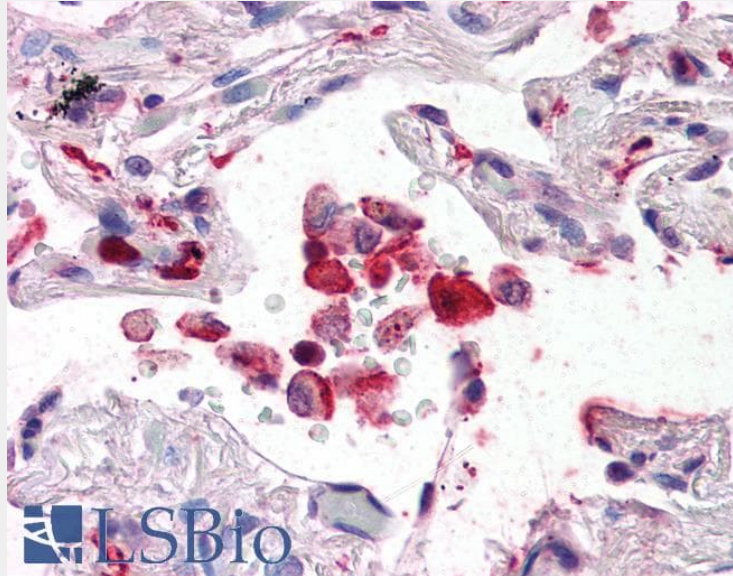
tcva05419p

Notes

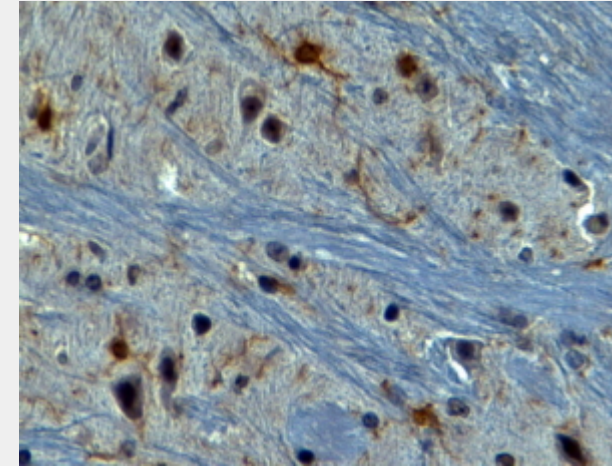
This antibody is expected to recognize isoform 1 (NP_116573.1) and isoform 3 (NP_001614.3).

Product Description

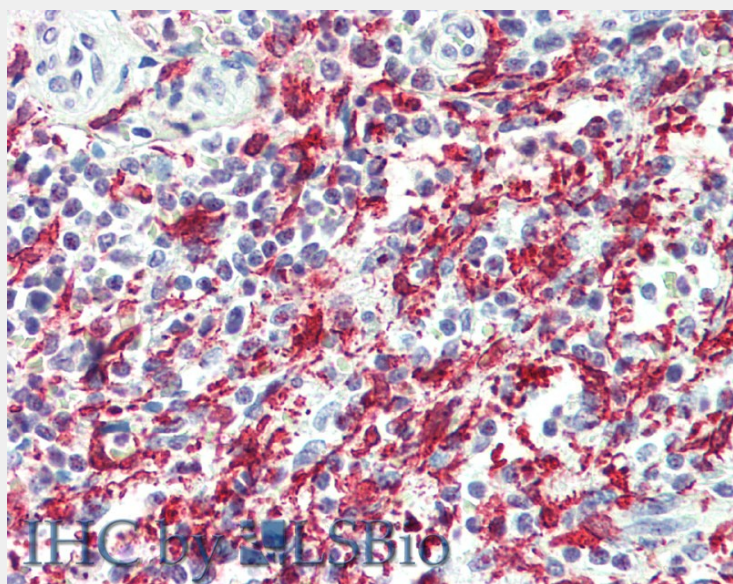
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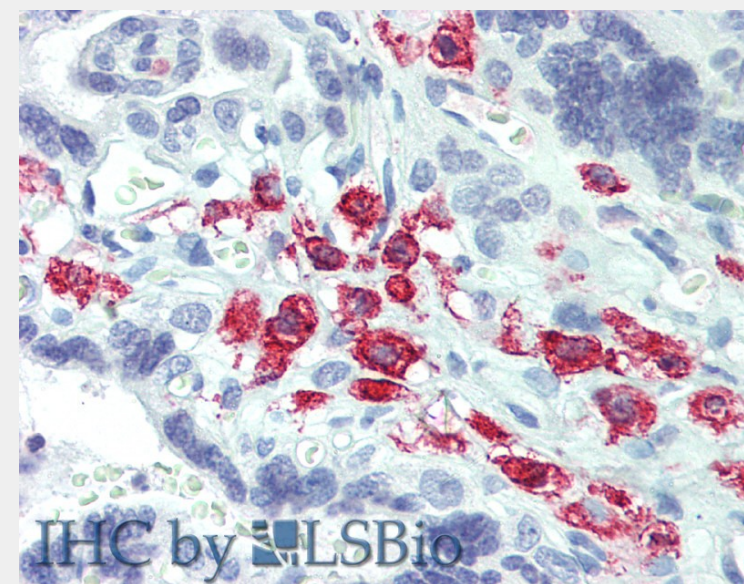
EB05419 (5µg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with Tris/EDTA buffer pH 9, AP-staining. **This data is from a previous batch, not on sale.**



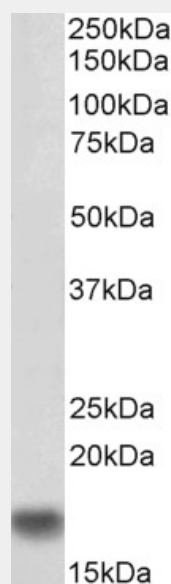
EB05419 (2µg/ml) staining of paraffin embedded Mouse Brain. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining. **This data is from a previous batch, not on sale.**



EB05419 (5µg/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 (5µg/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.**



Biotinylated EB05419 (0.1µg/ml) staining of Rat Brain lysate (35µg 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.



EB05419 (1µg/ml) staining of Human Frontal Cortex (A) Rat (B) Mouse (C) and Pig (D) Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!