

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

Item Number dAP-0216

Target Molecule Principle Name: AIF1 / IBA1 (isoform 1 and 3); Official Symbol: AIF1; All Names and Symbols: AIF1; IBLY409840A1; allograft inflammatory factor 1; AIF-1; IRT-1; interferon gamma responsive transcript; ionized calcium-binding adapter molecule; Daintain; DADB-70P7.8; Accession Number (s): NP_116573.1; NP_001614.3; Human Gene ID(s): 199; Non-Human GenelD(s): 11629 (mouse) 29427 (rat)

Immunogen TGPPAKKAISELP, is from C Terminus
This antibody is expected to recognize isoform 1 (NP_116573.1) and isoform 3 (NP_001614.3).

Applications Pep ELISA, WB

Species Tested: Human, Mouse, Rat

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

Supplied As lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.

Peptide ELISA Peptide ELISA: antibody detection limit dilution 1 to 128000.

Western Blot 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.

IHC

Reference Reference(s): Autieri MV, Agrawal N. IRT-1, a novel interferon-gamma-responsive transcript encoding a growth-suppressing basic leucine zipper protein. *J Biol Chem.* 1998 Jun 12;273(24):14731-7..PMID: 9614071->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**