

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

Item Number dAP-3300

Target Molecule Principle Name: AIF1 / IBA1 (isoform 1 and 3), biotinylated; Official Symbol: AIF1; All Names and Symbols: AIF1; allograft inflammatory factor 1; AIF-1; IBA1; IRT-1; IRT1; allograft inflammatory factor-1 splice variant Hara-1; interferon gamma responsive transcript; ionized calcium-binding adapter molecule 1; protein G1; Accession Number (s): NP_116573.1; NP_004838.1; 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, 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 17kDa band observed in Rat Brain lysates (calculated MW of 16.7kDa according to NP_001614.3). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/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. The Journal of biological chemistry 1998 Jun 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 end users! This product is sold for **Research Use Only**