

Goat anti-AIF1 / IBA1 (isoforms 1 + 3) Antibody

Item Number	dAP-1113
Target Molecule	Principle Name: AIF1 / IBA1 (isoforms 1 + 3); Official Symbol: AIF1; All Names and Symbols: AIF1; IBA1; allograft inflammatory factor 1; DASS-82G15.2; AIF-1; IRT-1; Em:AF129756.17; interferon gamma responsive transcript; ionized calcium-binding adapter molecule; Accession Number (s): NP_116573.1; NP_001614.3; Human Gene ID(s): 199; Non-Human GeneID(s):
Immunogen	YEEKAREKEKP, is from C Terminus This antibody is expected to recognise isoform 1 (NP_116573.1) and isoform 3 (NP_001614.3).
Applications	Pep ELISA, WB, IHC Species Tested: Human
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 16000.
Western Blot	Western Blot: Approx 16kDa band observed in Human Lymph Node and Spleen lysates (calculated MW of 16.7kDa according to NP_001614.3. Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Cerebellum shows staining of astrocytes. Recommended concentration, 2-4µg/ml.
Reference	Reference(s): Kelemen SE, Autieri MV. Expression of allograft inflammatory factor-1 in T lymphocytes: a role in T-lymphocyte activation and proliferative arteriopathies. Am J Pathol. 2005 Aug;167(2):619-26..PMID: 16049345->

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**