

Goat anti-AIF1 / IBA1 (isoform 3) Antibody

Item Number	dAP-0835
Target Molecule	Principle Name: AIF1 / IBA1 (isoform 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_001614.3; Human Gene ID(s): 199; Non-Human GeneID(s): 11629 (mouse)
Immunogen	NKQFLDDPKYSSDED, is from internal region This antibody is expected to recognise isoform 3 (NP_001614.3) only.
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse
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 32000.
Western Blot	Western Blot: Approx 17kDa band observed in Human Brain (Frontal Cortex) lysate (calculated MW of 16.7kDa according to NP_001614.3). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour.
IHC	Immunohistochemistry: In paraffin embedded Mouse Brain shows staining of astrocytes. Recommended concentration: 2-4µg/ml.
Reference	Reference(s): Yang ZF, Ho DW, Lau CK, Lam CT, Lum CT, Poon RT, Fan ST. Allograft inflammatory factor-1 (AIF-1) is crucial for the survival and pro-inflammatory activity of macrophages. Int Immunol. 2005 Nov;17(11):1391-7. Epub 2005 Sep 12. .PMID: 16157606 ->

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**