

## Goat anti-BIF-1 / SH3GLB1 Antibody

<b>Item Number</b>	dAP-0050
<b>Target Molecule</b>	Principle Name: BIF-1 / SH3GLB1; Official Symbol: SH3GLB1; All Names and Symbols: SH3GLB1; Bif-1; SH3-domain GRB2-like endophilin B1; CGI-61; KIAA0491; endophilin B1; Bax-interacting factor 1; SH3-containing protein SH3GLB1; SH3-domain, GRB2-like, endophilin B1; SH3-containing protein SH3GLB1 CGI-61 protein endophilin B1; dJ612B15.2; Accession Number (s): NP_057093.1; Human Gene ID(s): 51100; Non-Human GeneID(s): 54673 (mouse)
<b>Immunogen</b>	QKGKVPITYLELLN, is from C Terminus
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 38kDa band observed in lysates of Human T cell line Jurkat and in Human Lung and Placenta (calculated MW of 40.8kDa according to NP_057093.1). Recommended concentration: 0.3-1.0 µg/ml. A minor band of unknown identity was also con
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Colon. Recommended concentration: 2.5µg/ml.
<b>Reference</b>	Reference(s): Takahashi Y, Karbowski M, Yamaguchi H, Kazi A, Wu J, Sebt SM, Youle RJ, Wang HG. Loss of Bif-1 suppresses Bax/Bak conformational change and mitochondrial apoptosis. Mol Cell Biol. 2005 Nov;25(21):9369-82..PMID: 16227588->

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**