

Goat anti-SPA1 / SIPA1 Antibody

Item Number	dAP-0308
Target Molecule	Principle Name: SPA1 / SIPA1; Official Symbol: SIPA1; All Names and Symbols: SIPA1; SPA1; MGC17037; signal-induced proliferation-associated gene 1; p130 SPA-1; GTPase-activating protein Spa-1; signal-induced proliferation-associated 1; MGC102688; signal-induced proliferation-associated gene 1; signal-induced proliferation-associated; Accession Number (s): NP_694985.28; NP_006738.3; Human Gene ID(s): 6494; Non-Human GeneID(s):
Immunogen	ASKQLGSPTADLA, is from C Terminus Both variants represent identical protein (NP_694985.28 and NP_006738.3).
Applications	Pep ELISA, WB 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 32000.
Western Blot	Western Blot: Approx. 150kDa band observed in Human lysates of EBV-immortalized lymphoblastoid (calculated MW of 112kDa according to NP_694985.28 and NP_006738.2). The observed molecular weight corresponds to earlier findings in literature with different
IHC	
Reference	Reference(s): Hattori M, Tsukamoto N, Nur-e-Kamal MS, Rubinfeld B, Iwai K, Kubota H, Maruta H, Minato N. Molecular cloning of a novel mitogen-inducible nuclear protein with a Ran GTPase-activating domain that affects cell cycle progression. Mol Cell Biol. 1995 Jan;15(1):552-60..PMID: 7799964 ->

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**