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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB06260 - Goat Anti-SPA1 / SIPA1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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 protein 1

Official Symbol: SIPA1

Accession Number(s): NP_694985.28; NP_006738.3

Human GeneID(s): [6494](#)

Important Comments: Both variants represent identical protein (NP_694985.28 and NP_006738.3).

Immunogen

Peptide with sequence C-ASKQLGSPTADLA, from the C Terminus of the protein sequence according to NP_694985.28; NP_006738.3.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

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 antibodies (Kurachi et al, J Biol Chem. 1997 Oct 31;272(44):28081-8; PMID: 9346962). Recommended concentration: 1-3µg/ml. An additional band of 55-60kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when this product is used for other assays than Western blot.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB06260 staining (1µg/ml) of Human EBV-immortalized lymphoblastoid lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.