

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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 GenelD(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

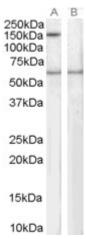
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx. 150kDa band observed in Human lysates of EBV-immortilized 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



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