

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.

EB06896 - Goat Anti-SPFH2 / ERLIN2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ERLIN2, SPFH2, ER lipid raft associated 2, SPFH domain family, member 2, HGNC:1356, C8orf2, MGC87072, chromosome 8 open reading frame 2,

Erlin-2, MGC87072

Official Symbol: ERLIN2

Accession Number(s): NP_009106.1

Human GeneID(s): 11160

Non-Human GenelD(s): 290823 (rat)

Important Comments: This antibody is expected to recognise isoform 1 (NP_009106)

only.

Immunogen

Peptide with sequence C-EDEPLETATKEN, from the C Terminus of the protein sequence according to NP_009106.1.

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 1:2000.

Western blot: Approx 43kDa band observed in Human Breast lysates and in lysates of Human Breast Cancer (calculated MW of 37.8kDa according to NP_009106.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Pearce et al, J Biol Chem. 2007 Jul 13;282(28):20104-15.; PMID: 17502376).

Recommended concentration: 0.3-1µg/ml.

IHC: Paraffin embedded Human Breast. Recommended concentration: 3.75µg/ml.

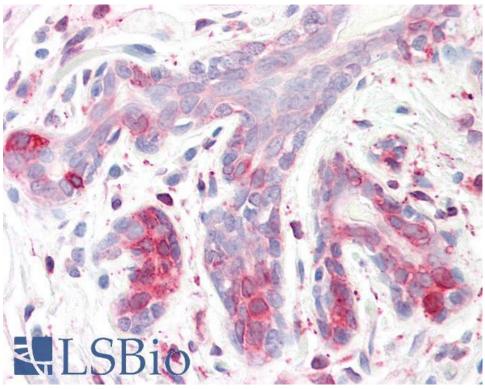
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Rat

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

EB06896 staining (1µg/ml) of Human Breast lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.



 $EB06896~(3.75 \mu g/ml)~staining~of~paraffin~embedded~Human~Breast.~Steamed~antigen~retrieval~with~citrate~buffer~pH~6,~AP-staining.$