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# 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 GenelD(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.

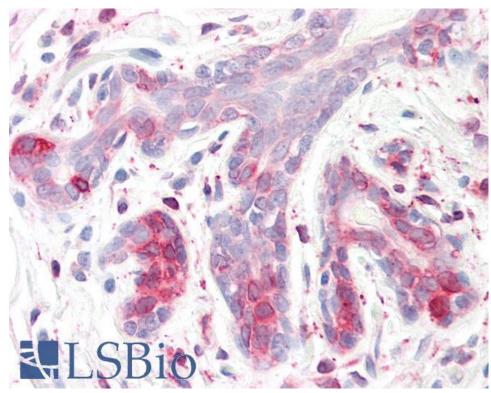
# **Species Reactivity**

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.



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