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Research Use Only. Not for diagnostic or therapeutic use.

EB12397 - Goat Anti-SERPINB1 (aa130-143) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SERPINB1, serpin peptidase inhibitor, clade B (ovalbumin), member 1, EI, ELANH2, LEI, M/NEI, MNEI, PI-2, PI2, leukocyte elastase inhibitor, peptidase inhibitor 2, protease inhibitor 2 (anti-elastase), monocyte/neutrophil derived, serine (or cysteine) prot

Official Symbol: SERPINB1

Accession Number(s): NP_109591.1

Human GeneID(s): 1992

Immunogen

Peptide with sequence C-KTINQWVKGQTEGK, from the internal region of the protein sequence according to NP_109591.1.

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 1:64000.

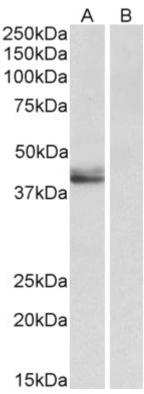
Western blot: Approx 42-45kDa bands observed in Human Placenta lysates (calculated MW of 42.7kDa according to NP_109591.1). The fainter 45kDa band likely represents the acetylated form. Both bands are blocked by the immunizing peptide. Recommended concentration: 0.5-2µg/ml.

IHC: Paraffin embedded Human Spleen (neutrophils). Recommended concentration: 5µg/ml.

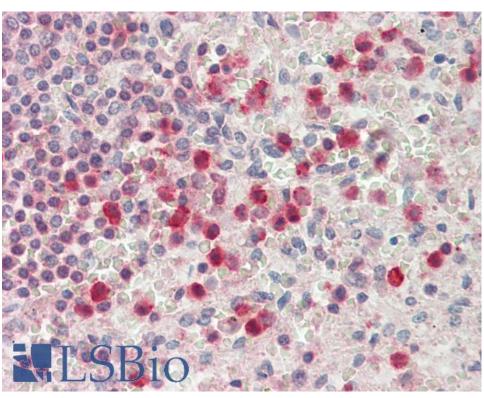
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB12397 (0.5μg/ml) staining of Human Placenta lysate (35μg protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide. Primary incubation was 1 hour. Detected by chemiluminescence.



EB12397 (5μg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.