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Research Use Only. Not for diagnostic or therapeutic use.

EB12396 - Goat Anti-SERPINB1 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-EVHSRFQSLNADINKR, 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 1:128000.

Western blot: Approx 43kDa band observed in lysates of cell line A549 (calculated MW of 42.7kDa according to NP_109591.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

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

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa

50kDa

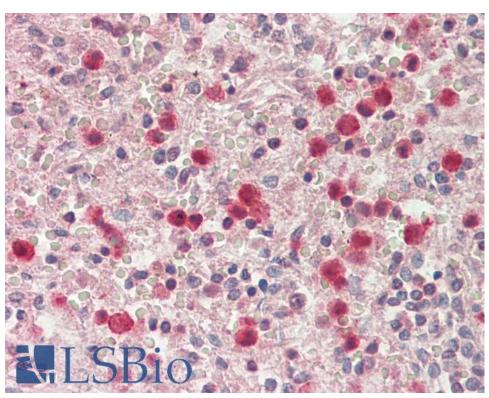
37kDa

25kDa

20kDa

15kDa

EB12396 ($1\mu g/ml$) staining of A549 lysate ($35\mu g$ protein in RIPA buffer). Detected by chemiluminescence.



EB12396 (5µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.