

Goat SERPINB1 Polyclonal Antibody | anti-SERPINB1 antibody

Goat Polyclonal to Human SERPINB1

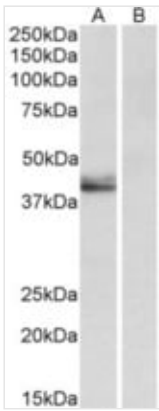
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52464	Goat	Gibbon, Chimpanzee, Human, Monkey	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

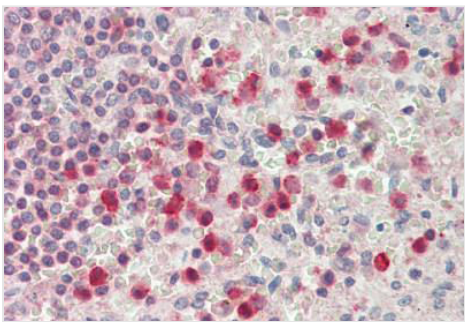
SERPINB1; Polyclonal Antibody; Goat Polyclonal to Human SERPINB1; Anti-SERPINB1 Antibody (aa130-143) IHC-plus; Anti-elastase; EI; LEI; Leukocyte elastase inhibitor; Peptidase inhibitor 2; PI-2; MNEI; ELANH2; M/NEI; PI2; Serpin B1; Human SERPINB1; anti-SERPINB1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Gibbon, Chimpanzee, Human, Monkey
Clonality	Polyclonal
Specificity	Human SERPINB1
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	379
Applicable Applications for anti-SERPINB1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-KTINQWVKGQTEGK from an internal region of human SERPINB1 (NP_109591.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey (100%); Mouse, Rat, Elephant (93%); Ferret, Bat, Panda, Horse, Platypus (86%).
Immunogen Type	Synthetic peptide
Immunogen	SERPINB1 antibody was raised against synthetic peptide C-KTINQWVKGQTEGK from an internal region of human SERPINB1 (NP_109591.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey (100%); Mouse, Rat, Elephant (93%); Ferret, Bat, Panda, Horse, Platypus (86%).
Antigen Modification	aa130-143
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.



WB (Western Blot)
SERPINB1 antibody (0.5 ug/ml) staining of Human Placenta lysate (35 ug protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide. Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)
Anti-SERPINB1 antibody IHC staining of human spleen, neutrophils. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13489087
NCBI GeneID	1992
NCBI Accession #	NP_109591.1
NCBI GenBank Nucleotide #	NM_030666.3
UniProt Accession #	P30740; Q53FB9; Q5W0E1; Q9UDF8; A8K5L2; B4DNT0
Molecular Weight	26,073 Da
NCBI Official Full Name	leukocyte elastase inhibitor
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade B (ovalbumin), member 1
NCBI Official Symbol	SERPINB1
NCBI Official Synonym Symbols	EI; LEI; PI2; MNEI; PI-2; HEL57; M/NEI; ELANH2
NCBI Protein Information	leukocyte elastase inhibitor; peptidase inhibitor 2; epididymis luminal protein 57; protease inhibitor 2 (anti-elastase), monocyte/neutrophil derived; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 1
UniProt Protein Name	Leukocyte elastase inhibitor
UniProt Gene Name	SERPINB1
UniProt Synonym Gene Names	ELANH2; MNEI; PI2; LEI; EI; M/NEI; PI-2
UniProt Entry Name	ILEU_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.