

Rabbit SERPINB9 Polyclonal Antibody | anti-SERPINB9 antibody

SERPINB9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325141	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SERPINB9; Polyclonal Antibody; SERPINB9 Antibody; CAP 3; CAP-3; CAP3; Cytoplasmic antiproteinase 3; Peptidase inhibitor 9; PI-9; PI9; Protease inhibitor 9; Protease inhibitor 9 (ovalbumin type); Serine (or cysteine) proteinase inhibitor clade B (ovalbumin) member 9; Serpin B9; Serpin peptidase inhibitor clade B (ovalbumin) member 9; Serpin peptidase inhibitor clade B member 9; SPB9_HUMAN; anti-SERPINB9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SERPINB9 antibody detects endogenous levels of total SERPINB9
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	376
Applicable Applications for anti-SERPINB9 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA325141 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using SERPINB9 antibody.



IF (Immunofluorescence)

AAA325141 staining COLO205 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINB9 antibody

Function: Granzyme B inhibitor.
Similarity: Belongs to the serpin family. Ov-serpin subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758906
NCBI GeneID	5272
NCBI Accession #	NP_004146.1
NCBI GenBank Nucleotide #	NM_004155.5
UniProt Accession #	P50453; Q5TD03; B2RBW3
Molecular Weight	Observed: 40 kD Predicted: 43 kDa
NCBI Official Full Name	serpin B9
NCBI Official Synonym Full Names	serpin family B member 9
NCBI Official Symbol	SERPINB9
NCBI Official Synonym Symbols	PI9; CAP3; PI-9; CAP-3
NCBI Protein Information	serpin B9
UniProt Protein Name	Serpin B9
UniProt Gene Name	SERPINB9
UniProt Synonym Gene Names	PI9; CAP-3; CAP3; PI-9

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/serpinb9-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/325141>