

Rabbit anti-Mouse SerpinB8 Polyclonal Antibody | anti-SerpinB8 antibody

Anti-SerpinB8 Antibody, Rabbit Polyclonal

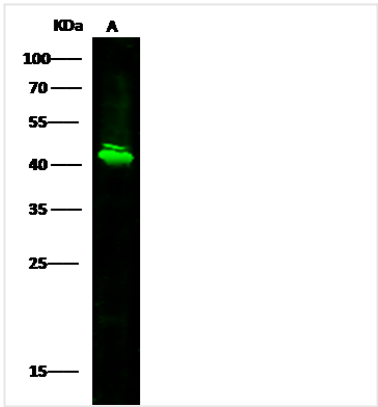
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257112	Rabbit	Mouse	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

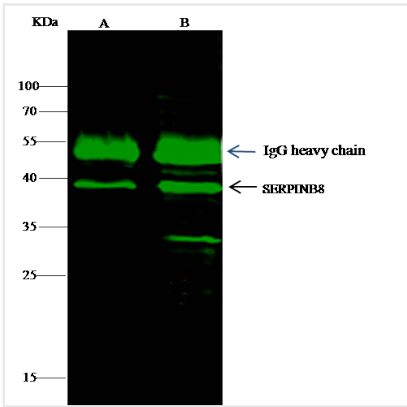
SerpinB8; Polyclonal Antibody; Anti-SerpinB8 Antibody; Rabbit Polyclonal; SerpinB8 Antibody; Rabbit PAb; Antigen Affinity Purified; serpin peptidase inhibitor; clade B (ovalbumin); member 8; Anti-CAP-2 Antibody; Anti-CAP2 Antibody; Anti-NK10 Antibody; Anti-ovalbumin Antibody; Anti-Spi8 Antibody; anti-SerpinB8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse SERPINB8/SerpinB8
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SerpinB8 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Mouse SerpinB8 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse SerpinB8 (rM SerpinB8). SerpinB8 specific IgG was purified by Mouse SerpinB8 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-SERPINB8 rabbit polyclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 43 kDa Observed band size: 43 kDa (We are unsure as to the identity of these extra bands).



IP (Immunoprecipitation)
Mouse SERPINB8 was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate Lane B: 0.5 mg 293T Whole Cell Lysate 2 uL anti-Mouse SERPINB8 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-Mouse SERPINB8 rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odssey technique. Performed under reducing conditions. Predicted band size: 43 kDa Observed band size: 43 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SerpinB8 antibody	Serpins are the largest and most diverse family of serine protease inhibitors which are involved in a number of fundamental biological processes such as blood coagulation, complement activation, fibrinolysis, angiogenesis, inflammation and tumor suppression and are expressed in a cell-specific manner. Mouse SerpinB8, also known as Cytoplasmic antiproteinase 2, Peptidase inhibitor 8, SerpinB8, PI-8, SERPINB8 and CAP2, is a member of the Serpin superfamily. SERPINB8 was broadly expressed. In normal neuroendocrine tissues, strongest SerpinB8 expression was detected in islets of Langerhans of the pancreas. Moderate SerpinB8 expression was observed in neuroendocrine cells of the thyroid, adrenal cortex, colon, and pituitary gland. In the pancreas, SerpinB8 is specifically expressed by insulin-producing beta cells, and can be used as an additional immunohistochemical marker. Mouse SerpinB8 distribution alters during kidney regeneration, possibly to control a prohormone convertase involved in inflammation or tissue repair.
References	Sumi, Y. et al., 1989, J. Biochem. 106: 703-7. Rawlings, N.D. et al., 2004, Biochem J. 378: 705-16. Gillard, A. et al., 2006, Am J Nephrol. 26 (1): 34-42. Filleur, S. et al., 2009, J Cell Biochem. 106 (5): 769-75. de Koning, P.J. et al., 2009, Pancreas. 38 (4): 461-7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15826848
NCBI GeneID	20725
NCBI Accession #	NP_035589.1
NCBI GenBank Nucleotide #	NM_011459.4
UniProt Accession #	O08800
Molecular Weight	42,150 Da
NCBI Official Full Name	serpin B8 isoform 1
NCBI Official Synonym Full Names	serine (or cysteine) peptidase inhibitor, clade B, member 8
NCBI Official Symbol	Serpinb8
NCBI Official Synonym Symbols	CAP2; NK10; Spi8; CAP-2; ovalbumin
NCBI Protein Information	serpin B8; serine protease inhibitor 8; serine (or cysteine) peptdiase inhibitor, clade B, member 8; serine (or cysteine) proteinase inhibitor, clade B, member 8

UniProt Protein Name	Serpin B8
UniProt Gene Name	Serpinb8
UniProt Entry Name	SPB8_MOUSE

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://www.aaabiotech.com/polyclonal/serpinb8-antibody-immunoprecipitation-western-blot-elisa/257112>