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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57800_P050-HRP
Product Page	www.avivasysbio.com/serpinb8-antibody-middle-region-hrp-arp57800-p050-hrp.html
Name	SERPINB8 Antibody - middle region : HRP (ARP57800_P050-HRP)
Protein Size (# AA)	374 amino acids
Molecular Weight	43kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5271
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Serpin peptidase inhibitor, clade B (ovalbumin), member 8
Alias Symbols	PI8, CAP2, PI-8, PSS5, C18orf53
Peptide Sequence	Synthetic peptide located within the following region: KAWTNSEKLTGSKVQVFLPRLKLEESYDLEPFLRRLGMIDAFDEAKADFS
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	The superfamily of high molecular weight serine proteinase inhibitors (serpins) regulate a diverse set of intracellular and extracellular processes such as complement activation, fibrinolysis, coagulation, cellular differentiation, tumor suppression, apoptosis, and cell migration. Serpins are characterized by well-conserved a tertiary structure that consists of 3 beta sheets and 8 or 9 alpha helices (Huber and Carrell, 1989 [PubMed 2690952]). A critical portion of the molecule, the reactive center loop connects beta sheets A and C. Protease inhibitor-8 (PI8; SERPINB8) is a member of the ov-serpin subfamily, which, relative to the archetypal serpin PI1 (MIM 107400), is characterized by a high degree of homology to chicken ovalbumin, lack of N- and C-terminal extensions, absence of a signal peptide, and a serine rather than an asparagine residue at the penultimate position (summary by Bartuski et al., 1997 [PubMed 9268635]).
Protein Interactions	SUMO2; LARS; UBC; CAP1; PRSS1; F10; F2; FURIN; BCL2;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-SERPINB8 (ARP57800_P050-HRP) antibody
Blocking Peptide	For anti-SERPINB8 (ARP57800_P050-HRP) antibody is Catalog# AAP57800 (Previous Catalog# AAPP44119)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SERPINB8
Uniprot ID	P50452
Protein Name	Serpin B8
Protein Accession #	NP_942130
Purification	Affinity Purified
Nucleotide Accession #	NM_198833
Gene Symbol	SERPINB8
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Sheep
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 91%; Dog: 92%; Guinea Pig: 83%; Horse: 92%; Human: 100%; Mouse: 100%; Pig: 92%; Rabbit: 86%; Rat: 100%; Sheep: 91%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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