Ovalbumin (SERPINB8) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Ovalbumin (SERPINB8), Polyclonal Antibody
Full Product Name	Ovalbumin Antibody HRP Conjugated
Product Gene Name	anti-SERPINB8 antibody
Product Synonym Names	Ovalbumin; Allergen Gal d 2; CAP 2; CAP2; Cytoplasmic antiproteinase 2; Egg albumin; Gal d II; Hen egg white; PI8; Plakalbumin; Protease inhibitor 8; Serpin B8; serpin peptidase inhibitor clade B member 8; SERPINB14; SERPINB8 Ovalbumin
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Chicken
Form/Format	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% Gentamicin.
Purity/Purification	Purified by Protein A
Concentration	1mgml (lot specific)
Preparation and Storage	Store at 4 degree C for 12 months.
Molecular Weight	374
Chromosome Location	Chromosome: 18; NC_000018.9 (61637263..61656608). Location: 18q22.1
OMIM	601697
3D Structure	ModBase 3D Structure for P50452
Conjugation	HRP
Immunogen	Ovalbumin [hen egg white]
Product Categories/Family for anti-SERPINB8 antibody	Conjugated Primary Antibodies
Applications Tested/Suitable for anti-SERPINB8 antibody	Western Blot (WB)
Application Notes for anti-SERPINB8 antibody	WB: 1:100-1000
Related Product Information for anti-SERPINB8 antibody	Chicken Ovalbumin is the major protein in the "white" of the egg (and a favorite antigen in immunological research). Egg white contains a variety of proteins including ovalbumin, conalbumin, ovomucoid and lysozyme. It belongs to the serpin family and the Ov serpin subfamily. Ovalbumin can cause an allergic reaction in humans.Ovalbumin has been implicated in the development of the egg shell. Immunohistochemistry revealed that ovalbumin is found only in the mammillary bodies of decalcified shell, and is not distributed throughout the shell matrix. These results indicate that ovalbumin is present during the initial phase of shell formation and becomes incorporated into the protein matrix of the mammillary bodies. However, it is not yet clear whether ovalbumin at this site plays a specific role in shell mineralisation.
Other Notes	Small volumes of anti-SERPINB8 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for SERPINB8 purchase	MBS9459845 is an antibody targeting SERPINB8. Also known as Ovalbumin Antibody HRP Conjugated. Reactive in Chicken. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SERPINB8. It may not necessarily be applicable to this product.

NCBI GI #	73623033
NCBI GeneID	5271
NCBI Accession #	NP_001027018.1
UniProt Primary Accession #	P50452
UniProt Secondary Accession #	Q7Z2V6; Q8N178
UniProt Related Accession #	P50452
GenBank Nucleotide #	NM_001031848.1
NCBI Official Full Name	serpin B8 isoform b
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade B (ovalbumin), member 8
NCBI Official Symbol	SERPINB8
NCBI Official Synonym Symbols	PI8; CAP2
UniProt Protein Name	Serpin B8
UniProt Synonym Protein Names	Cytoplasmic antiproteinase 2; CAP-2; CAP2; Peptidase inhibitor 8
Protein Family	Serpin
UniProt Gene Name	SERPINB8
UniProt Synonym Gene Names	PI8; CAP-2; CAP2; PI-8
UniProt Entry Name	SPB8_HUMAN
NCBI Protein Information	serpin B8; PI-8; peptidase inhibitor 8; cytoplasmic antiproteinase 2; protease inhibitor 8 (ovalbumin type); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 8
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