Ovalbumin (OVAL) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OvAlbumin, Polyclonal Antibody
Full Product Name	OvAlbumin antibody (HRP)
Product Gene Name	anti-OVAL antibody
Product Synonym Names	Polyclonal OvAlbumin; Anti-OvAlbumin; Egg albumin; Ovalbumin; Plakalbumin; Allergen Gal d 2; Allergen Gal d II
Clonality	Polyclonal
Host	Rabbit
Form/Format	Lyophilized from 0.02M K3PO4, pH 7.2, with 0.15M NaCl, 10 mg/ml BSA, and 0.01% gentamycin sulfate. DO NOT add NaN3. Immunoglobulin and protease free.
Purity/Purification	OvAlbumin antibody (HRP) was purified by delipidation, salt fractionation and ion exchange chromatography followed by dialysis.
Specificity	Chicken ovalbumin
Preparation and Storage	Store at 4 degree C until reconstitution. Following reconstitution aliquot and freeze at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Molecular Weight	42,881 Da
3D Structure	ModBase 3D Structure for P01012
Tag/Conjugate	HRP
Immunogen	Ovalbumin antibody (HRP) was raised in rabbit using ovalbumin isolated from hen egg white as the immunogen.
Product Categories/Family for anti-OVAL antibody	Cancer; Conjugated Polyclonal Antibodies
Applications Tested/Suitable for anti-OVAL antibody	ELISA (EIA), Immunohistochemistry (IHC), Immunoprecipitation (IP), Western Blot (WB)
Application Notes for anti-OVAL antibody	ELISA: 1:5,000-1:25,000 IHC: 1:500-1:2,500 IP: 1:100 WB: 1:1,000-1:5,000
Related Product Information for anti-OVAL antibody	MBS535061 is an antibody targeting OVAL. Also known as OvAlbumin antibody (HRP). Host: Rabbit. Rabbit polyclonal OvAlbumin antibody (HRP) conjugated
Other Notes	Small volumes of anti-OVAL 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.

ADDITIONAL DETAILS

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

NCBI GI #	45384056
NCBI GeneID	396058
NCBI Accession #	NP_990483.1
UniProt Primary Accession #	P01012

UniProt Secondary Accession #	Q804A4; Q90741
UniProt Related Accession #	P01012
GenBank Nucleotide #	NM_205152.1
NCBI Official Full Name	ovalbumin
NCBI Official Synonym Full Names	ovalbumin (SERPINB14)
NCBI Official Symbol	OVAL
NCBI Official Synonym Symbols	SERPINB14
UniProt Protein Name	Ovalbumin
UniProt Synonym Protein Names	Allergen Gal d II; Egg albumin; Plakalbumin; Allergen: Gal d 2
Protein Family	Ovalbumin
UniProt Gene Name	SERPINB14
UniProt Entry Name	OVAL_CHICK
NCBI Protein Information	ovalbumin
UniProt Comments for OVAL	ovalbumin: Non-inhibitory serpin. Storage protein of egg white. Belongs to the serpin family. Ov-serpin subfamily. Cellular Component: extracellular space; extracellular region; phagocytic vesicle; cytosol Molecular Function: serine-type endopeptidase inhibitor activity; calcium ion binding
Research Articles on OVAL	**1.** Secondary and tertiary structures of OVA were characterised to show the relationship between potential allergenicity and the conformation of OVA after heating and glycation.
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