

Rabbit anti-Chicken Ovomucoid Polyclonal Antibody | anti-SPIK7 antibody

Rabbit anti Ovomucoid Polyclonal Antibody

CATALOG # AAA71337	HOST Rabbit	REACTIVITY Chicken	APPLICATIONS Western Blot, ELISA
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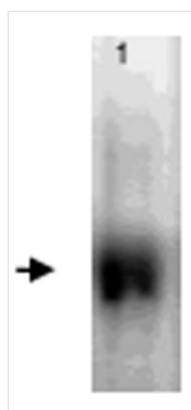
PRODUCT SYNONYMS

Ovomucoid; Polyclonal Antibody; Rabbit anti Ovomucoid Polyclonal Antibody; OVM; OM; anti-SPIK7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Chicken
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody recognizes ~28 kDa of chicken egg white Ovomucoid protein.
Purity/Purification	Purified by Epitope Affinity Purification
Form/Format	Supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Sequence Length	210
Applicable Applications for anti-SPIK7 antibody	WB (Western Blot), ELISA
Preparation	A synthetic peptide corresponding to the C-terminus of chicken egg white Ovomucoid protein.
Positive Control	Ovomucoid
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C - 8°C for three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



WB (Western Blot)

The highly purified Ovomucoid protein from chicken egg white was immunoblotted by Rabbit anti Ovomucoid antibody (Cat#AAA71337) at 1:500. An immunoreactive band is observed at ~28 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SPIK7 antibody	Description: Rabbit anti-Ovomucoid Background: Ovomucoid is isolated from chicken egg white. The precursor is a 210 aa secreted protein which consists of three homologous, tandem Kazal family inhibitory domains each homologous to pancreatic secretory trypsin inhibitor (Kazal) and each with an actual or putative reactive site for inhibition of serine proteinases. The major reactive site for bovine beta-trypsin is the Arg89-Ala peptide bond in the second domain. It causes an allergic reaction in human. Allergy to chicken egg or proteins is one of the most frequent causes of food hypersensitivity in infants and young children. Both IgG and IgA class antibodies may be detected. Ovalbumin intolerance has been implicated in a number of conditions affecting children. In particular, children with cystic fibrosis show elevated anti-Ovalbumin antibodies. Ovalbumin antibodies have also been noted in some forms of kidney disease. A relationship between food allergy and infantile autism has also been observed. Children with insulin-dependent diabetes mellitus show an enhanced immune response to both beta-actoglobulin and ovalbumin, a phenomenon that may be related to the development of the disease. Conditions related to ovalbumin intolerance usually resolve once egg and egg based foods have been withdrawn from the patient's diet. Intolerance to egg proteins could be due not only to the ovalbumin protein found in egg white but also to other major proteins present in the yolk. The major proteins of chicken eggs are: Ovalbumin (45 kda, 54%), Conalbumin (13%, 80 kda), Ovomucoid (11%, 28 kda), Lysozyme (3.5%, 14 kda), and other proteins.
References	Tsukasa Matsuda, Kenji Watanabe, and Ryo Nakamura. Ovomucoid and ovomucoid inhibitor isolated from chicken egg white are immunologically cross-reactive.

NCBI AND UNIPROT INFORMATION

NCBI GI #	819231687
NCBI GeneID	416236
NCBI Accession #	NP_001295423.1
NCBI GenBank Nucleotide #	NM_001308494.1
UniProt Accession #	P01005
Molecular Weight	~28 kDa
NCBI Official Full Name	ovomucoid isoform 1
NCBI Official Synonym Full Names	serine peptidase inhibitor, Kazal type 7 (putative)
NCBI Official Symbol	SPIK7
NCBI Official Synonym Symbols	OM; OVM; SPINK7
NCBI Protein Information	ovomucoid
UniProt Protein Name	Ovomucoid

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/ovomucoid-antibody-western-blot-elisa/71337>