

Anti-OVALBUMIN (RABBIT) Antibody
Ovalbumin Antibody
Catalog # ASR4342**Specification**

Anti-OVALBUMIN (RABBIT) Antibody - Product Information

Host	Rabbit
Conjugate	Unconjugated
Target Species	Chicken
Reactivity	Chicken
Clonality	Polyclonal
Application	WB, IHC, E, IP, I, LCI
Application Note	Anti-Ovalbumin Antibody has been tested in Western Blot. Although not tested this product could be useful in assays such as ELISA, IHC and IP. Specific conditions for reactivity and signal detection should be optimized by the end user.
Physical State	Liquid (sterile filtered)
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Ovalbumin [Hen Egg White]
Preservative	0.01% (w/v) Sodium Azide

Anti-OVALBUMIN (RABBIT) Antibody - Additional Information**Gene ID** 396058**Other Names**
396058**Purity**

Rabbit Anti-Ovalbumin is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified Ovalbumin [Hen Egg White]. Cross reactivity against Ovalbumin from other sources is unknown.

Storage Condition

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-OVALBUMIN (RABBIT) Antibody - Protein Information

Name SERPINB14

Function

Non-inhibitory serpin. Storage protein of egg white.

Cellular Location

Secreted.

Tissue Location

Major protein of egg white. Expressed in the magnum of the oviduct (at protein level)
(PubMed:25436390)

Anti-OVALBUMIN (RABBIT) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-OVALBUMIN (RABBIT) Antibody - Images



Western Blot of Rabbit anti-OVALBUMIN (Hen Egg White) antibody. Lane 1: Reduced Ovalbumin. Load: 50 ng. Primary antibody: Ovalbumin antibody at 1:1,000 overnight at 4°C. Secondary antibody: Peroxidase rabbit secondary antibody (p/n 611-103-122) at 1:40,000 for 30 min at RT. Block: Blocking Buffer for Fluorescent Western Blotting (p/n MB-070) for 30 min at RT. Predicted/Observed size: 45 kDa, 45 kDa for Ovalbumin.

Anti-OVALBUMIN (RABBIT) Antibody - Background

Anti-Ovalbumin Antibody recognizes ovalbumin that is the main protein found in egg white. Ovalbumin makes up 55-65% of the total protein. Ovalbumin displays sequence and three-dimensional homology to the serpin superfamily, but unlike most serpins, it does not undergo a conformational change upon proteolytic cleavage and is not a serine protease inhibitor. The function of ovalbumin is still unknown, although it is presumed to be a storage protein for

tissue-specific, steroid hormone-induced gene expression. Ovalbumin is a key protein for biochemical investigations and processes and can be used as a control, blocking reagent, or antibody in assays such as ELISA, SDS-PAGE, IHC, Western Blot, and size exclusion chromatography.