



# DATA SHEET

## Anti-OVALBUMIN (Hen Egg White) Antibody, Rabbit N/A Antibody

**Catalog Number: 18-732-292126**

### Related Product Names:

- SERPINB14 antibody; SERPINB14; Anti-OVALBUMIN (Hen Egg White)
- anti-Ovalbumin [Hen Egg White] [Rabbit]; Egg albumin; Plakalbumin; Allergen Gal d II; Allergen Gal d 2; Ovalbumin

### - Gene Information -

Information in yellow represents specific gene information and does not necessarily represent specific product details. For more information please contact [sales@genwaybio.com](mailto:sales@genwaybio.com).

**Gene Name:** SERPINB14

**Gene Name Synonym:** N/A

**Gi #:** N/A

**NCBI Acc #:** N/A

**Swiss Prot Acc #:** P01012

**Length (aa):** N/A

**Mol. Weight (Da):** 42881

**Chrom Location:** N/A

**Antigen:** Ovalbumin (Hen Egg White)

**Immunogen:** Ovalbumin [Hen Egg White]

**Family:** Enzyme

**Fraction:** Serum

**Application:** suitable for immunoblotting (western or dot blot), ELISA, immunoprecipitation and most immunological methods requiring high titer and specificity.

**Recommended Dilution:** This product has been assayed against 1.0 ug of Ovalbumin [Hen Egg White] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) catalog # 18-732-292598 and (ABTS (2,2'-azino-bis-[3-ethylbenzothiazoline-6-sulfonic acid])) as a substrate for 30 minutes at room temperature. A working dilution of 1:8,000 to 1:44,000 of the reconstitution concentration is suggested for this product. Optimal titers for other applications should be determined by the researcher.

**Physical State:** Lyophilized

**Purity and Specificity:** This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against purified and partially purified Ovalbumin [Hen Egg White]. Cross reactivity against Ovalbumin from other tissues and species may occur but have not been specifically determined.

**Antibody Concentration:** 80.0 mg/ml (by Refractometry)

**Buffer:** 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

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- 🔍 **Stabilizer:** None
- 🔍 **Source/Host:** Rabbit
- 🔍 **Purity/Purification:** Monospecific Antiserum
- 🔍 **Crossreactivity:** Ovalbumin Chicken
- 🔍 **Format:** Lyophilized
- 🔍 **Storage:** 4C
- 🔍 **Shipping:** Products may be shipped on ice pack or dry ice.

**APPLICATIONS for SERPINB14 ANTIBODY:**

ELISA, WB, IP: Tested

**TESTING: ([secondary reagents](#) and [protocols](#))**

Not Available

**SERPINB14 ANTIBODY TARGET DESCRIPTION:**

Synonym Names for SERPINB14 antibody: SERPINB14; anti-Ovalbumin [Hen Egg White] [Rabbit]; Egg albumin; Plakalbumin; Allergen Gal d II; Allergen Gal d 2; Ovalbumin

Function: Storage protein of egg white. Lack protease inhibitory activity.

Subcellular Location: Secreted.

Tissue Specificity: Major protein of egg white.

Ptm: The signal sequence is not cleaved. The functional signal for membrane translocation of ovalbumin becomes accessible when the nascent chain is 50 to 60 residues long. The hydrophobic sequence which lies between residues 27 and 43 folds back on the preceding residues to form an amphipathic hairpin structure which is the signal element recognized by the membrane.

Allergen: Causes an allergic reaction in human.

Similarity: Belongs to the serpin family. Ov-serpin subfamily.

Anti-OVALBUMIN (Hen Egg White) reacts with ovalbumin chicken.

**Precautions:** SERPINB14 antibody is for in vitro research use only. Not for use in diagnostics or therapeutic procedures.

**Important Notes:** During shipment, small volumes of SERPINB14 antibody vial. For products with volumes of 200  $\mu$ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap. Actual concentration, volume and quantity will be printed on the vial's label. Please refer to the vials label for this information.

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