



**Order Information**

Description: Rabbit anti-Ovotransferrin  
 Catalogue#: 601-760  
 Lot#: See the label  
 Size: 100 ug/200 ul  
 Host: Rabbit  
 Clone: N/A  
 Application: ELISA, WB  
 Reactivity: Chicken

**Rabbit anti Ovotransferrin Polyclonal Antibody**

Alternate Names: Ovotransferrin (OTf); LTF; Conalbumin, TF; TFEW

**ANTIGEN PREPARATION**

A synthetic peptide close to C-terminus of chicken egg white Ovotransferrin protein.

**BACKGROUND**

Ovotransferrin is a 705 aa, monomeric, glycosylated, 80 kDa protein isolated from chicken egg white. It is involved in response to oxidative stress in embryogenesis to maintain a steady reducing environment (known as confer protection). Ovotransferrin is the second major protein in egg albumin, undergoes autocleavage at distinct sites upon reduction with thiol-reducing system. The major proteins of chicken eggs are: Ovalbumin (45 kda, 54%), Conalbumin/Ovotransferrin (13%, 80 kda), Ovomuroid (11%, 28 kda), Lysozyme (3.5%, 14 kda), and other proteins.

**PURIFICATION**

The Rabbit IgG is purified by Epitope Affinity Purification.

**SPECIFICITY**

This antibody recognizes ~80 kDa of chicken egg white Ovotransferrin.

**FORMULATION**

This affinity purified antibody is supplied in sterile phosphate-buffered saline (pH7.2) containing antibody stabilizer

**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 month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

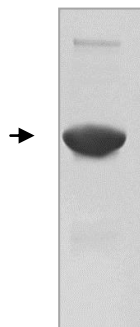
**APPLICATIONS/SUGGESTED WORKING DILUTIONS**

Western Blot	0.1-1 µg/ml
ELISA	0.01-0.1 µg/ml
Immunoprecipitation	N/A
IHC	N/A
Flow cytometry	N/A

<b>MOLECULAR WEIGHT:</b>	~80 kDa
<b>POSITIVE CONTROL:</b>	Ovotransferrin
<b>CELLULAR LOCATION:</b>	N/A

Optimal dilutions should be determined by researchers for the specific applications.

**DATA ATTACHMENTS**



**WB:** The highly purified Ovotransferrin from chicken egg white was immunoblotted by Rabbit anti Ovotransferrin antibody (Cat#601-760) at 1:500. An immunoreactive band is observed at ~80 kDa.

**REFERENCES**

Anne B. Mason<sup>a</sup>, Stephen A. Brown<sup>a</sup> and William R. Church. Domain-specific monoclonal antibodies to ovotransferrin indicate conservation of determinants involved in avian transferrin receptor recognition. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 91(3), 541-549 (1988).

**FOR RESEARCH USE ONLY.**



**FOR RESEARCH USE ONLY.**

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA  
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). [www.abbomax.com](http://www.abbomax.com) info@abbomax.com