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), Ovomucoid (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.

APPLICATIONS/SUGGESTED WORKING DILUTIONS

<table>
<thead>
<tr>
<th>Method</th>
<th>Dilution</th>
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<tbody>
<tr>
<td>Western Blot</td>
<td>0.1-1 µg/ml</td>
</tr>
<tr>
<td>ELISA</td>
<td>0.01-0.1 µg/ml</td>
</tr>
<tr>
<td>Immunoprecipitation</td>
<td>N/A</td>
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<tr>
<td>IHC</td>
<td>N/A</td>
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<tr>
<td>Flow cytometry</td>
<td>N/A</td>
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</tbody>
</table>

MOLECULAR WEIGHT: ~80 kDa

POSITIVE CONTROL: Ovotransferrin

CELLULAR LOCATION: N/A

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

REFERENCES

FOR RESEARCH USE ONLY.

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