Anti-Conjugated Folic acid
RAT POLYCLONAL

Catalog Number: AB-T147
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rat
Isotype: IgG
Immunogen: Synthetic Folic acid conjugated to bovine serum albumin

Specificity and Preparation:
This antibody targets conjugated Folic acid (vitamin B9). This antibody does not recognize free folic acid. Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation. Using a conjugate Folic acid-Protein Carrier (BSA), antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

<table>
<thead>
<tr>
<th>COMPOUND</th>
<th>CROSS REACTIVITY §</th>
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</thead>
<tbody>
<tr>
<td>Folic acid-BSA</td>
<td>1</td>
</tr>
<tr>
<td>Folinic acid-BSA</td>
<td>1/&gt;900</td>
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<tr>
<td>Tetrahydrofolic acid-BSA</td>
<td>1/&gt;2,000</td>
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<tr>
<td>Methotrexate-BSA</td>
<td>1/&gt;50,000</td>
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<tr>
<td>Riboflavin-BSA</td>
<td>1/&gt;50,000</td>
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<tr>
<td>BSA</td>
<td>1/&gt;50,000</td>
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</tbody>
</table>

BSA = Bovine Serum Albumin
§ Folic acid-BSA concentration/unconjugated or conjugated compound concentration at half displacement.

Usage and Storage:
Applications include ELISA (1/2,000-1/5,000) and immunohistochemistry / immunocytochemistry (frozen sections; 1/500-1/1,000). Store the antibody at 4°C for one month or -20°C in undiluted aliquots for up to one year. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

Available Control(s): Folic acid-BSA

References:

To view protocol(s) for this and other products please visit: www.ATSbio.com/protocols

For research use only, not for use as a diagnostic.