PRODUCT INFORMATION

ANTI-CONJUGATED QUINALDIC ACID ANTIBODIES
Ref: AP183

TARGET: Conjugated Quinaldic Acid

IMMUNOGEN: Synthetic Quinaldic Acid conjugated to protein carrier (PC)

SPECIFICITY: Using a conjugate Quinaldic Acid-PC, antibody specificity was performed with an ELISA by competition experiments with the following compounds:

<table>
<thead>
<tr>
<th>Compounds</th>
<th>Cross-reactivity ratio ((a))</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quinaldic Acid-PC</td>
<td>1</td>
</tr>
<tr>
<td>Kynurenic Acid-PC</td>
<td>1/&gt;50,000</td>
</tr>
<tr>
<td>Quinolinic Acid-PC</td>
<td>1/&gt;50,000</td>
</tr>
<tr>
<td>Kynurenin Acid-PC</td>
<td>1/&gt;50,000</td>
</tr>
<tr>
<td>Xanthurenic Acid-PC</td>
<td>1/&gt;50,000</td>
</tr>
<tr>
<td>3OH Anthranilic Acid-PC</td>
<td>1/&gt;50,000</td>
</tr>
</tbody>
</table>

\((a)\): Quinaldic Acid-PC concentration/conjugated close structure concentration at half displacement

RAISED IN: Rat

CLONALITY: Polyclonal

ISOTYPE: IgG

PURITY: Antiserum preabsorbed on protein carriers, purified by ammonium sulfate and/or by high trap column

FORM: Lyophilized

STORAGE INSTRUCTIONS: Lyophilized vial must be stored at 4°C in a dry area. After reconstitution with 50μl of distilled water and 50μl of glycerol, the aliquot can be stored at -20°C, and is stable at least 2 years.

RESEARCH AREAS: Neuroscience, Neurobiology, Alzheimer disease

APPLICATIONS: Optimal dilutions should be determined by each laboratory for each application

CORRESPONDING ANTIGEN: Gemac sell the corresponding antigen: Quinaldic Acid conjugate (ref: AG148)
REFERENCES

