Product datasheet

Anti-Alkaline Phosphatase antibody ab95462

Overview

Product name          Anti-Alkaline Phosphatase antibody
Description           Rabbit polyclonal to Alkaline Phosphatase
Host species          Rabbit
Specificity           The immunogen is from the AP-TNAP protein (SwissProt P08289) and presents no homology with intestinal isoform of rat alkaline phosphatase.
Tested applications   Suitable for: IHC-P, IHC-Fr, WB
Species reactivity    Reacts with: Rat, Human
                      Predicted to work with: Mouse, a wide range of other species
Immunogen            Synthetic peptide corresponding to Rat Alkaline Phosphatase (internal sequence).

Properties

Form                  Liquid
Storage instructions  Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer        Constituent: Whole serum
Purity                Whole antiserum
Clonality             Polyclonal
Isotype               IgG

Applications

Our Abpromise guarantee covers the use of ab95462 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IHC-P</td>
<td>⭐⭐⭐⭐⭐⭐</td>
<td>Use at an assay dependent concentration.</td>
</tr>
<tr>
<td>IHC-Fr</td>
<td></td>
<td>Use at an assay dependent concentration.</td>
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</tbody>
</table>
## Target

<table>
<thead>
<tr>
<th>Feature</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sequence similarities</td>
<td>Belongs to the alkaline phosphatase family.</td>
</tr>
<tr>
<td>Cellular localization</td>
<td>Cell membrane.</td>
</tr>
</tbody>
</table>

## Images

![Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Alkaline Phosphatase antibody (ab95462)](image)

ab95462 staining alkaline phosphatase in Rat Kidney tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with 10% NBF and blocked with 0.25% casein in PBS for 5 minutes at 25°C; antigen retrieval was by heat mediation with a Tris/EDTA buffer (pH 9.0). Samples were incubated with primary antibody (1/400 in antibody diluent) for 1 hour at 25°C. An undiluted HRP-conjugated Goat anti-rabbit polyclonal was used as the secondary antibody.

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