Product datasheet

Anti-RIL antibody ab6045

Overview

Product name
Anti-RIL antibody

Description
Goat polyclonal to RIL

Host species
Goat

Tested applications
Suitable for: IHC-FoFr, WB

Species reactivity
Reacts with: Rat, Human

Predicted to work with: Mouse, Chicken, Cow

Immunogen
Synthetic peptide:

DVAVYPNKVELV

, corresponding to C terminal amino acids 317-330 of Human RIL.

Positive control
A431 lysates.

General notes
GenBank Accession Number – NP_003678.

Properties

Form
Liquid

Storage instructions
Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Storage buffer
pH: 7.30
Preservative: 0.02% Sodium azide
Constituents: Tris buffered saline, 0.5% BSA

Purity
Immunogen affinity purified

Purification notes
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Clonality
Polyclonal

Isotype
IgG

Applications

3 References
1 Image

Run BLAST with
Run BLAST with

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Run BLAST with
Run BLAST with
Our Abpromise guarantee covers the use of ab6045 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-FoFr</td>
<td></td>
<td>IHC-FoFr: Use at an assay dependent dilution (PMID 19293990).</td>
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<tr>
<td></td>
<td></td>
<td>WB: Use at a concentration of 0.1 - 0.5 µg/ml. Detects a band of approximately 37 kDa (predicted molecular weight: 35 kDa).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Not yet tested in other applications.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Optimal dilutions/concentrations should be determined by the end user.</td>
</tr>
</tbody>
</table>

Target

<table>
<thead>
<tr>
<th>Tissue specificity</th>
<th>Isoform 2 is found in brain.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sequence similarities</td>
<td>Contains 1 LIM zinc-binding domain.</td>
</tr>
<tr>
<td></td>
<td>Contains 1 PDZ (DHR) domain.</td>
</tr>
</tbody>
</table>

| Post-translational modifications | Phosphorylated on tyrosine residue(s). Can be dephosphorylated by PTPN13. |

Images

Anti-RIL antibody (ab6045) at 0.2 µg/ml + Lysate prepared from A431 cells. (RIPA buffer, 35µg total protein per lane).

Developed using the ECL technique.

**Predicted band size:** 35 kDa

**Exposure time:** 1 hour

ab6045 at 0.2µg/ml staining approximately 37kDa band of RIL in A431 Lysate by Western blot (ECL).

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