Product name: Anti-Calneuron 1 antibody

Description: Rabbit polyclonal to Calneuron 1

Host species: Rabbit

Tested applications: Suitable for: WB, IHC-P

Species reactivity: Reacts with: Human

Predicted to work with: Mouse, Rat

Immunogen: Synthetic peptide conjugated to KLH from the N-terminus of Human Calneuron 1

Positive control: Human brain cortex tissue

Form: Liquid

Storage instructions: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Storage buffer: Preservative: 0.02% Sodium azide
Constituent: 99% PBS

Purity: Immunogen affinity purified

Clonality: Polyclonal

Isotype: IgG

Applications:

Our Abpromise guarantee covers the use of ab117584 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>WB</td>
<td></td>
<td>Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 24 kDa.</td>
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<tr>
<td>IHC-P</td>
<td></td>
<td>Use a concentration of 2.5 µg/ml.</td>
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</table>
Function
Negatively regulates Golgi-to-plasma membrane trafficking by interacting with PI4KB and inhibiting its activity (By similarity). May play a role in the physiology of neurons and is potentially important in memory and learning.

Tissue specificity
Brain specific.

Sequence similarities
Contains 2 EF-hand domains.

Domain
The C-terminal transmembrane domain (TMD) is necessary and sufficient for membrane targeting.

Cellular localization

Images
Formalin-fixed and paraffin-embedded Human brain cortex tissue labelled with ab117584 at 2.5 µg/ml.

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