Product datasheet

Anti-TRIM50 antibody - C-terminal ab174880

Overview

Product name Anti-TRIM50 antibody - C-terminal
Description Rabbit polyclonal to TRIM50 - C-terminal
Host species Rabbit
Tested applications Suitable for: IHC-P, WB, Flow Cyt
Species reactivity Reacts with: Human
Immunogen Synthetic peptide within Human TRIM50 aa 361-391 (N terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). The exact sequence is proprietary.
Database link: Q86XT4
Positive control Jurkat cells and cell line lysates; Human brain tissue.

Properties

Form Liquid
Storage buffer Preservative: 0.09% Sodium azide
Constituent: 99% PBS
Purity Immunogen affinity purified
Purification notes ab174880 is purified through a protein A column, followed by peptide affinity purification.
Clonality Polyclonal
Isotype IgG

Applications

Our Abpromise guarantee covers the use of ab174880 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>
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</thead>
<tbody>
<tr>
<td>IHC-P</td>
<td>1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.</td>
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<td>Application</td>
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<td>WB</td>
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<td>1/100 - 1/500. Predicted molecular weight: 55 kDa.</td>
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<td>Flow Cyt</td>
<td></td>
<td>1/10 - 1/50. ab171870 - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.</td>
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</table>

**Target**

- **Function**: E3 ubiquitin-protein ligase.
- **Sequence similarities**: Belongs to the TRIM/RBCC family. Contains 1 B box-type zinc finger. Contains 1 B30.2/SPRY domain. Contains 1 RING-type zinc finger.
- **Post-translational modifications**: Auto-ubiquitinated.
- **Cellular localization**: Cytoplasm.

**Images**

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human brain tissue labeling TRIM50 with ab174880 at 1/50 dilution. Detection utilised peroxidase conjugation of the secondary antibody and DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRIM50 antibody - C-terminal (ab174880)
Western blot - Anti-TRIM50 antibody - C-terminal (ab174880)

Anti-TRIM50 antibody - C-terminal (ab174880) at 1/100 dilution + Jurkat cell line lysates at 15 µg

**Predicted band size:** 55 kDa

Flow Cytometry - Anti-TRIM50 antibody - C-terminal (ab174880)

Flow cytometric analysis of Jurkat cells labeling TRIM50 with ab174880 at 1/10 (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat anti-rabbit secondary antibodies were used for the analysis.

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