Product datasheet

Anti-IL1 Receptor I/IL-1R-1 antibody ab106278

Overview

Product name
Anti-IL1 Receptor I/IL-1R-1 antibody

Description
Rabbit polyclonal to IL1 Receptor I/IL-1R-1

Host species
Rabbit

Tested applications
Suitable for: ICC/IF, WB, IHC-P

Species reactivity
Reacts with: Human

Predicted to work with: Mouse, Rat

Immunogen
Recombinant fragment corresponding to Human IL1 Receptor I/IL-1R-1 aa 18-241.

Positive control
Human fetal spleen lysate. HeLa cell lysate. Human fetal skin tissue.

General notes
Previously labelled as IL1 Receptor I.

Properties

Form
Lyophilised: Reconstitute with 200ul distilled sterile water. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.

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

Storage buffer
Preservative: 0.02% Sodium Azide
Constituents: PBS, pH 7.2

Purity
Immunogen affinity purified

Clonality
Polyclonal

Isotype
IgG

Applications

Our Abpromise guarantee covers the use of ab106278 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>
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<tbody>
<tr>
<td>ICC/IF</td>
<td></td>
<td>Use at an assay dependent concentration. PubMed: 24950657</td>
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Function
Receptor for interleukin alpha (IL-1A), beta (IL-1B), and interleukin-1 receptor antagonist protein (IL-1RA). Binding to the agonist leads to the activation of NF-kappa-B. Signaling involves formation of a ternary complex containing IL1RAP, TOLLIP, MYD88, and IRAK1 or IRAK2.

Sequence similarities
Belongs to the interleukin-1 receptor family.
Contains 3 Ig-like C2-type (immunoglobulin-like) domains.
Contains 1 TIR domain.

Cellular localization
Membrane.

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<tr>
<td>WB</td>
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<td>1/500 - 1/1000. Detects a band of approximately 75 kDa (predicted molecular weight: 65 kDa).</td>
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<tr>
<td>IHC-P</td>
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<td>1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.</td>
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Images
ab106278 staining IL-1 Receptor 1 / IL-1R-1 antibody in foetal epithelial skin tissue by immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Antibody dilution 1/100.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL1 Receptor 1/IL-1R-1 antibody (ab106278)
All lanes: Anti-IL1 Receptor/IL-1R-1 antibody (ab106278) at 1/500 dilution

Lane 1: Human fetal spleen lysate
Lane 2: HeLa cell lysate

Predicted band size: 65 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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