

Product datasheet

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

★★★★★ [3 Abreviews](#) [25 References](#) [2 Images](#)

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: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human IL1 Receptor I/IL-1R-1 aa 18-241.

Sequence:

LEA DKCKEREEKI ILVSSANEID VRPCPLNPNE
HKGITITWYKD DSKTPVSTEQ ASRIHQHKEK
LWFVPAKVED SGHYCVVRN SSYCLRIKIS
AKFVENEPNL CYNAQAIFKQ KLPVAGDGGL
VCPYMEFFKN ENNELPKLQW YKDCKPLLLD
NIHFSGVKDR LVMNVAEKH RGNYTCHASY TYLGKQYPIT
RVIEFITLEE NKPTRPVIVS PANETMEVDL G

Database link: [P14778](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Lyophilized: 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

	Constituent: 1% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

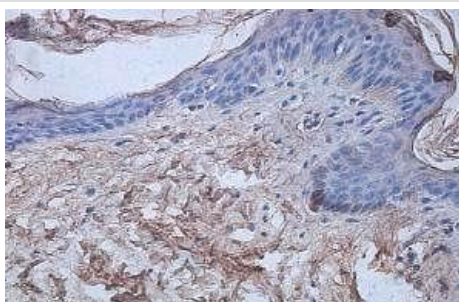
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab106278 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/200 - 1/1000. Detects a band of approximately 75 kDa (predicted molecular weight: 65 kDa).
IHC-P	★★★★★ (1)	1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

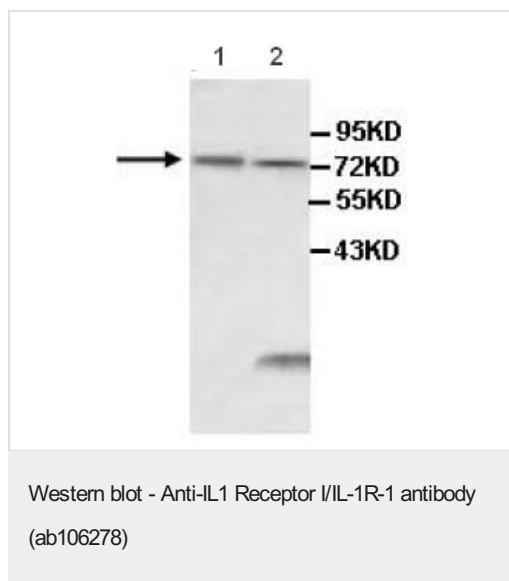
Function	Receptor for interleukin-1 alpha (IL-1A), beta (IL-1B), and interleukin-1 receptor antagonist protein (IL-1RA). Binding to the agonist leads to the activation of NF-kappa-B. Signaling involves formation of a ternary complex containing IL1RAP, TOLLIP, MYD88, and IRAK1 or IRAK2.
Sequence similarities	Belongs to the interleukin-1 receptor family. Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 TIR domain.
Cellular localization	Membrane.

Images



ab106278 used at 1/100 dilution staining IL-1 Receptor 1 / IL-1R-1 in fetal human epithelial skin tissue by immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL1 Receptor I/IL-1R-1 antibody (ab106278)



All lanes : Anti-IL1 Receptor I/IL-1R-1 antibody (ab106278) at 1/500 dilution

Lane 1 : Human fetal spleen lysate

Lane 2 : HeLa (Human epithelial cell line from cervix adenocarcinoma) 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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