

Anti-IL-17RA Receptor antibody - N-terminal ab180904

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Overview

Product name	Anti-IL-17RA Receptor antibody - N-terminal
Description	Rabbit polyclonal to IL-17RA Receptor - N-terminal
Host species	Rabbit
Specificity	Multiple isoforms of IL-17RA are known to exist. ab180904 is predicted to not cross-react with other IL-17RA Receptor subunits.
Tested applications	Suitable for: IHC-P, WB, ICC/IF
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide corresponding to Human IL-17RA Receptor (N terminal). 18 amino acid peptide near the N-terminus of Human IL-17RA Receptor . Database link: Q96F46
Positive control	A20 cell lysate; Human spleen tissue.
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab180904 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
IHC-P		Use a concentration of 2.5 µg/ml.
WB		Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 135 kDa (predicted molecular weight: 96 kDa). WB only validated using mouse samples.
ICC/IF		Use a concentration of 20 µg/ml.

Target

Function

Receptor for IL17A and IL17F. Binds its IL17A ligand with low affinity, suggesting that additional components are involved in IL17A-induced signaling.

Tissue specificity

Widely expressed.

Involvement in disease

Defects in IL17RA are the cause of familial candidiasis type 5 (CANDF5) [MIM:613953]. CANDF5 is a rare disorder with altered immune responses and impaired clearance of fungal infections, selective against Candida. It is characterized by persistent and/or recurrent infections of the skin, nails and mucous membranes caused by organisms of the genus Candida, mainly Candida albicans.

Sequence similarities

Contains 1 SEFIR domain.

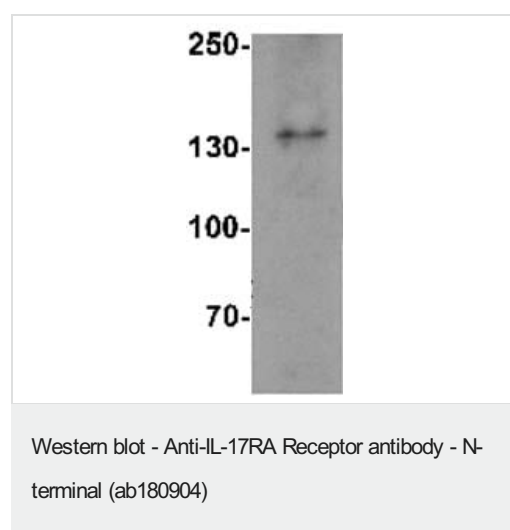
Post-translational modifications

Glycosylated.

Cellular localization

Membrane.

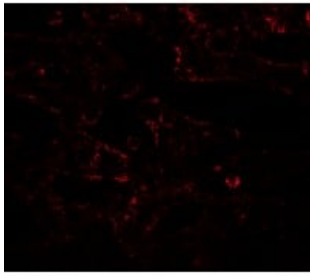
Images



Anti-IL-17RA Receptor antibody - N-terminal (ab180904) at 1 µg/ml
+ A20 cell lysate at 15 µg

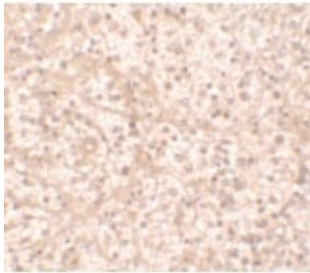
Predicted band size: 96 kDa

Additional bands at: 135 kDa. We are unsure as to the identity of these extra bands.



Immunofluorescent analysis of Human spleen tissue labeling IL-17RA with ab180904 20 µg/ml.

Immunocytochemistry/ Immunofluorescence - Anti-IL-17RA Receptor antibody - N-terminal (ab180904)



Immunohistochemical analysis of paraffin embedded Human spleen tissue labeling IL-17RA with ab180904 at 2.5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-17RA Receptor antibody - N-terminal (ab180904)

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

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