

Anti-IL-22 Antibody

Catalog Number: A00963-4

About IL22

Interleukin-22 (IL-22) is a cytokine important for the modulation of tissue responses during inflammation (1). Unlike the distantly related IL-10, IL-22 does not inhibit the production of proinflammatory cytokines in monocytes in response to LPS, but it has some inhibitory effects on IL-4 production from Th2 T cells. IL-22 is expressed by both the adaptive arm of the immune system such as CD4 T cell subsets including Th17 cells, as well as by innate lymphocytes such as NK and LTI-like cells (2). IL-22 is highly expressed in several chronic inflammatory conditions, and studies suggest that IL-22 plays both inflammatory and protective roles (3).

Overview

Product Name	Anti-IL-22 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-IL-22 Antibody (Catalog # A00963-4). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal Clone: SK7
Formulation	IL-22 antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	IL-22 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q9GZX6

Technical Details

Immunogen	IL-22 antibody was raised against a 17 amino acid peptide near the center of human IL-22 . The immunogen is located within amino acids 90 - 140 of IL-22.
Predicted Reactive Species	Bovine
Cross Reactivity	IL-22 antibody is human, mouse, and rat reactive. Multiple isoforms of IL-22 are known to exist.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	IL-22 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

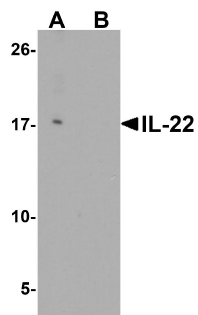
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

IL-22 antibody can be used for detection of IL-22 by Western blot at 0.5 ug/ml. Antibody can also be used for Immunocytochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

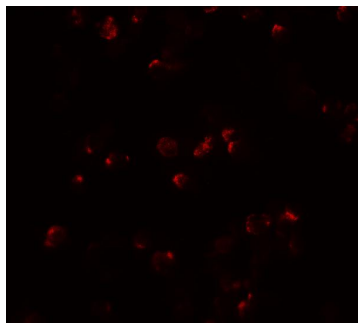
Anti-IL-22 Antibody (A00963-4) Images



Western blot analysis of IL-22 in HeLa cell lysate with IL-22 antibody at 0.5 ug/ml in (A) the absence and (B) the presence of blocking peptide.



Immunocytochemistry of IL-22 in HeLa cells with IL-22 antibody at 5 ug/mL.



Immunofluorescence of IL-22 in HeLa cells with IL-22 antibody at 20 ug/mL.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-IL-22 Antibody