

Rabbit IL-22 Polyclonal Antibody | anti-IL22 antibody

IL-22 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40590	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

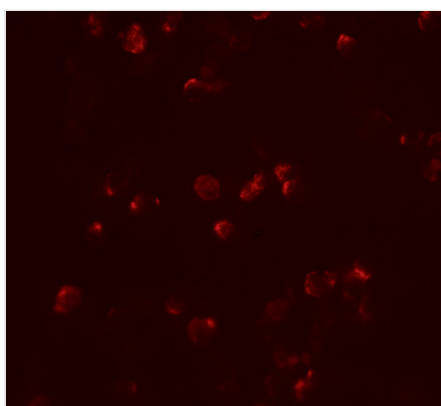
PRODUCT SYNONYMS

IL-22; Polyclonal Antibody; IL-22 Antibody; TIFa; IL-21; ILTIF; IL-TIF; IL-D110; zcyto18; TIFIL-23; ZCYTO18; UNQ3099/PRO10096; Interleukin-22; Cytokine Zcyto18; interleukin 22; anti-IL22 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	IL-22 antibody is human, mouse, and rat reactive. Multiple isoforms of IL-22 are known to exist.
Purity/Purification	IL-22 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	179
Applicable Applications for anti-IL22 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IL-22 antibody was raised against a 17 amino acid peptide near the center of human IL-22
Buffer	IL-22 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	IL-22 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

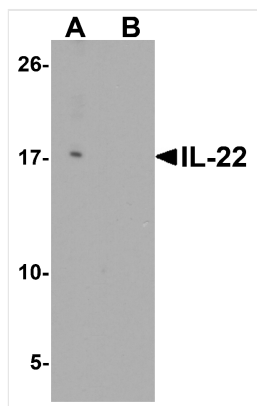
IMAGES


IF (Immunofluorescence)

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


ICC (Immunocytochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-IL22 antibody

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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	10092625
NCBI GeneID	50616
NCBI Accession #	NP_065386
NCBI GenBank Nucleotide #	NM_020525.4
UniProt Accession #	Q9GZX6
Molecular Weight	Predicted: 20 kDa Observed: 25 kDa
NCBI Official Full Name	interleukin-22
NCBI Official Synonym Full Names	interleukin 22
NCBI Official Symbol	IL22
NCBI Official Synonym Symbols	TIFa; IL-21; IL-22; ILTIF; IL-TIF; IL-D110; zcyto18; TIFIL-23
NCBI Protein Information	interleukin-22; cytokine Zcyto18; IL-10-related T-cell-derived inducible factor; IL-10-related T-cell-derived-inducible factor
UniProt Protein Name	Interleukin-22
UniProt Gene Name	IL22
UniProt Synonym Gene Names	ILTIF; ZCYTO18; IL-22; IL-TIF
UniProt Entry Name	IL22_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

