

Product datasheet for **TA326688**

IL22 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	IL-22 antibody was raised against a 17 amino acid peptide near the center of human IL-22
Formulation:	IL-22 antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	IL-22 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 20 kDa; Observed: 25 kDa
Gene Name:	interleukin 22
Database Link:	NP_065386 Entrez Gene 50929 Mouse Entrez Gene 500836 Rat Entrez Gene 50616 Human Q9GZX6
Background:	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).
Synonyms:	IL-21; IL-22; IL-D110; IL-TIF; ILTIF; TIFa; TIFIL-23; zcyto18

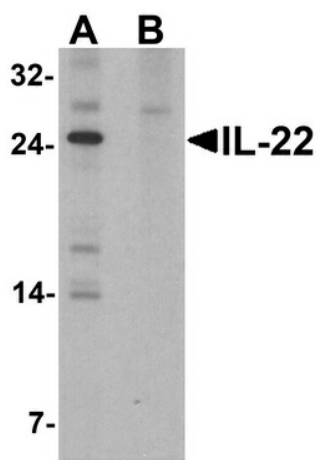


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Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway

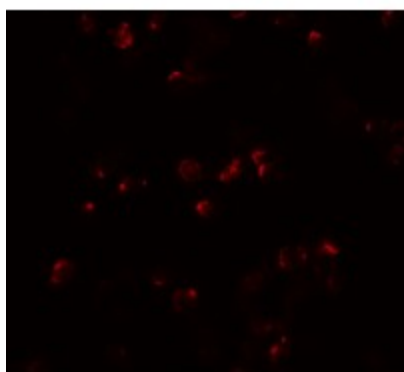
Product images:



Western blot analysis of IL-22 in HeLa cell lysate with IL-22 antibody at 1 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.



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