

IL-22 Polyclonal Antibody
Catalog # AP73905**Specification**

IL-22 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9GZX6
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

IL-22 Polyclonal Antibody - Additional Information**Gene ID** 50616**Other Names**

IL22; ILTIF; ZCYTO18; Interleukin-22; IL-22; Cytokine Zcyto18; IL-10-related T-cell-derived-inducible factor; IL-TIF

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

IL-22 Polyclonal Antibody - Protein Information**Name** IL22**Synonyms** ILTIF, ZCYTO18**Function**

Cytokine that plays a critical role in modulating tissue responses during inflammation (PubMed: [17204547](http://www.uniprot.org/citations/17204547)). Plays an essential role in the regeneration of epithelial cells to maintain barrier function after injury and for the prevention of further tissue damage (PubMed: [17204547](http://www.uniprot.org/citations/17204547)). Unlike most of the cytokines, has no effect on immune cells. Signals through a heterodimeric receptor composed of two subunits, the specific receptor IL22RA1 which is present on non-immune cells in many organs and the shared subunit IL10RB (PubMed: [10875937](http://www.uniprot.org/citations/10875937), PubMed: [18599299](http://www.uniprot.org/citations/18599299)). Ligation of IL22RA1 with IL22 induces activation of the tyrosine kinases JAK1 and TYK2, which in turn activates STAT3. In turn, promotes cell survival and proliferation through STAT3, ERK1/2 and PI3K/AKT pathways (PubMed: [25793261](http://www.uniprot.org/citations/25793261))

target="_blank">25793261, PubMed:31311100). Promotes phosphorylation of GSK3B at 'Ser-9' and CTTN (By similarity). Promotes epithelial cell spreading (By similarity).

Cellular Location

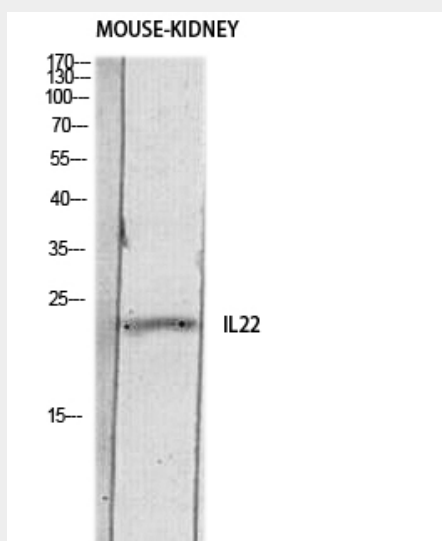
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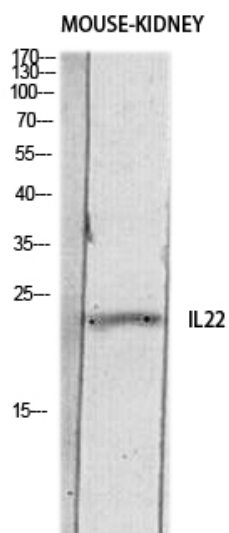
IL-22 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL-22 Polyclonal Antibody - Images





IL-22 Polyclonal Antibody - Background

Cytokine that contributes to the inflammatory response in vivo.