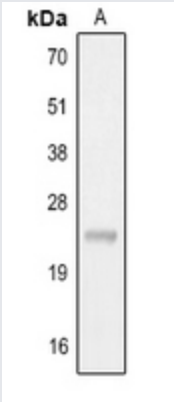
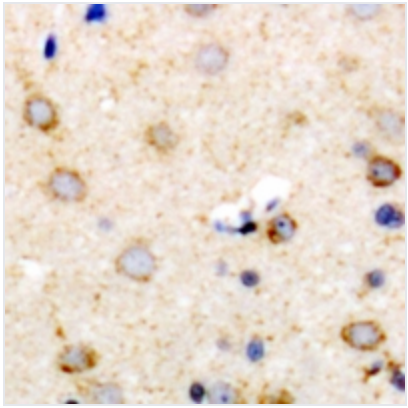
IL-22 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IL-22, Polyclonal Antibody
Full Product Name	Rabbit anti-IL-22 Antibody
Product Gene Name	anti-IL-22 antibody
Product Synonym Names	ILTIF; ZCYTO18; Interleukin-22; IL-22; Cytokine Zcyto18; IL-10-related T-cell-derived-inducible factor; IL-TIF
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	20,011 Da
Chromosome Location	Chromosome: 12; NC_000012.11 (68642025..68647281, complement). Location: 12q15
OMIM	605330
3D Structure	ModBase 3D Structure for Q9GZX6
Immunogen	Recombinant protein of human IL-22. The exact sequence is proprietary.
Product Categories/Family for anti-IL-22 antibody	Primary antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for anti-IL-22 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-IL-22 antibody	WB: 1:500-1:1000 IHC: 1:100-1:200
Related Product Information for anti-IL-22 antibody	MBS4510728 is an antibody targeting IL-22. Also known as Rabbit anti-IL-22 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-IL-22 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-IL-22 antibody
Western blot analysis of IL-22 expression in mouse kidney (A) whole cell lysates.



Immunohistochemistry (IHC) of anti-IL-22 antibody
Immunohistochemical analysis of IL-22 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL-22. It may not necessarily be applicable to this product.

NCBI GI #	10092625
NCBI GeneID	50616
NCBI Accession #	NP_065386.1
UniProt Primary Accession #	Q9GZX6
UniProt Secondary Accession #	Q9JJY9
UniProt Related Accession #	Q9GZX6
GenBank Nucleotide #	NM_020525.4
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
UniProt Protein Name	Interleukin-22
UniProt Synonym Protein Names	Cytokine Zcyto18; IL-10-related T-cell-derived-inducible factor
UniProt Gene Name	IL22
UniProt Synonym Gene Names	ILTIF; ZCYTO18; IL-22; IL-TIF
UniProt Entry Name	IL22_HUMAN
NCBI Protein Information	interleukin-22; cytokine Zcyto18; IL-10-related T-cell-derived inducible factor; IL-10-related T-cell-derived-inducible factor

UniProt Comments for IL-22	IL22: Cytokine that contributes to the inflammatory response in vivo. Belongs to the IL-10 family. Protein type: Secreted, signal peptide; Cytokine; Secreted Chromosomal Location of Human Ortholog: 12q15 Cellular Component: extracellular space; extracellular region Molecular Function: interleukin-22 receptor binding; cytokine activity Biological Process: cell-cell signaling; response to glucocorticoid stimulus; acute-phase response; inflammatory response
Research Articles on IL-22	**1.** Our results suggest that inflammatory cytokines IL-22 and TNF-alpha may play a key role in the ocular immune response in Behcet's disease.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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