antibodies - online.com







anti-IL-22 antibody (Biotin)



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100 μg	
IL-22 (IL22)	
Human	
Rabbit	
Polyclonal	
This IL-22 antibody is conjugated to Biotin	
Western Blotting (WB), ELISA	
Anti-IL-22 antibody was prepared from rabbit antiserum after repeated immunizations with a truncated form of recombinant human IL-22 protein from E. coli. Immunogen Type: Recombinant Protein	
IgG	
Cross reactivity with IL-22 from other sources has not been determined.	
Anti-IL-22 is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. This antibody is specific for human IL-22 protein. A BLAST analysis was used to suggest cross-reactivity with IL-22 from human sources based on 100 % homology with the immunizing sequence. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin and anti-Rabbit Serum.	

Product Details Endotoxin Level: Low Endotoxin: No **Target Details** Target: IL-22 (IL22) Alternative Name IL-22 (IL22 Products) Background: Interleukin-22 (IL-22) is a member of a group of cytokines called IL-10 family member, produced by activated dendritic cells and T lymphocytes. IL-22 inhibits IL-4 production by Th2 cells, and induces acute phase reactants in the liver and pancreas. IL-22 signals via the IL-22R and IL-10Rß receptors to act as a potent mediator of the cellular inflammatory response. Recombinant human IL-22 is a non-disulfide-linked homodimer with a total molecular weight of 33.6 kDa. Anti-IL-22 antibody is ideal for researchers interested in cytokines and stem cell research. Synonyms: Interleukin-22, ILTIF, ZCYTO18, IL22, Cytokine Zcyto18, IL-10-related Tcell-derived-inducible factor Gene ID: 50616 NCBI Accession: NP_065386 UniProt: Q9GZX6 **Application Details Application Notes:** IL-22 purified antibody has been tested for use in ELISA and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 20 kDa in size corresponding to the human IL-22 protein by western blotting in appropriate cell lysate or extract. ELISA Dilution: 1:20.000 - 1:50.000 Fluorochrome Protein Value: 10-20 Western Blot Dilution: 1:1000-1:2000 Restrictions: For Research Use only Handling Format: Lyophilized Reconstitution: Restore with 100 µL deionized water (or equivalent)

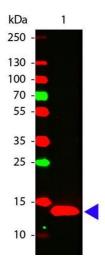
Concentration:

1 mg/mL

Handling

Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2	
	Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free	
Storage:	4 °C/-20 °C	
Storage Comment:	Store vial at 4 °C prior to restoration. For extended storage aliquot contents and freeze at -20 °C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4 °C as an undiluted liquid. Dilute only prior to immediate use.	
Expiry Date:	Expiration date is one (1) year from date of opening.	

Images



Western Blotting

Image 1. Western Blot of Rabbit anti-IL-22 Antibody. Lane 1: Human IL-22 Recombinant Protein. Lane 2: None. Load: 50 ng per lane. Primary antibody: IL-22 antibody at 1:1,000 for overnight at 4°C. Secondary antibody: 649 rabbit secondary antibody at 1:20,000 for 30 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 14 kDa, 14 kDa for Human IL-22. Other band(s): None.