

IL-22 Antibody (RQ4061)

Catalog No.	Formulation	Size
RQ4061	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9JJY9
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This IL-22 antibody is available for research use only.



Western blot testing of mouse kidney and 2) mouse brain lysate with IL-22 antibody at 0.5ug/ml. Observed molecular weight: 19~25 kDa depending on glycosylation level.

Description

Interleukin-22 (IL-22), also known as ILTIF, is protein that in humans is encoded by the IL22 gene. IL-22 a member of a group of cytokines called the IL-10 family or IL-10 superfamily, a class of potent mediators of cellular inflammatory responses. Using FISH, the IL22 gene is mapped to chromosome 12q15, close to the IFNG and the herpesvirus saimiri-induced AK155 genes. IL-22 can contribute to immune disease through the stimulation of inflammatory responses, S100s and defensins. It also promotes hepatocyte survival in the liver and epithelial cells in the lung and gut similar to IL-10. In some contexts, the pro-inflammatory versus tissue-protective functions of IL-22 are regulated by the often co-expressed cytokine IL-17A.

Application Notes

Optimal dilution of the Il-22 antibody should be determined by the researcher.

Immunogen

A recombinant mouse partial protein corresponding to amino acids L34-V179 was used as the immunogen for the Il-22 antibody.

Storage

After reconstitution, the Il-22 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.