

IL22RA1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP19114b**Specification**

IL22RA1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8N6P7](#)**IL22RA1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 58985**Other Names**

Interleukin-22 receptor subunit alpha-1, IL-22 receptor subunit alpha-1, IL-22R-alpha-1, IL-22RA1, Cytokine receptor class-II member 9, Cytokine receptor family 2 member 9, CRF2-9, ZcytoR11, IL22RA1, IL22R

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

IL22RA1 Antibody (C-term) Blocking Peptide - Protein Information**Name** IL22RA1**Synonyms** IL22R**Function**

Component of the receptor for IL20, IL22 and IL24. Component of IL22 receptor formed by IL22RA1 and IL10RB enabling IL22 signaling via JAK/STAT pathways. IL22 also induces activation of MAPK1/MAPK3 and Akt kinases pathways. Component of one of the receptor for IL20 and IL24 formed by IL22RA1 and IL20RB also signaling through STATs activation. Mediates IL24 antiangiogenic activity as well as IL24 inhibitory effect on endothelial cell tube formation and differentiation.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Expressed in colon, liver, lung, pancreas and kidney. No expression in immune cells such as monocytes, T-cells, and NK-cells. Expressed in keratinocytes of normal skin as well as in psoriatic skin lesion. Detected in normal blood brain barrier endothelial cells as well as in multiple sclerosis

lesions; Strongly expressed on central nervous system vessels within infiltrated multiple sclerosis lesions. Overexpressed in synovial fluid cells from rheumatoid arthritis and spondyloarthropathy patients

IL22RA1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

IL22RA1 Antibody (C-term) Blocking Peptide - Images

IL22RA1 Antibody (C-term) Blocking Peptide - Background

The protein encoded by this gene belongs to the class II cytokine receptor family, and has been shown to be a receptor for interleukin 22 (IL22). IL22 receptor is a protein complex that consists of this protein and interleukin 10 receptor, beta (IL10RB/CRFB4), a subunit also shared by the receptor complex for interleukin 10 (IL10). This gene and interleukin 28 receptor, alpha (IL28RA) form a cytokine receptor gene cluster in the chromosomal region 1p36.

IL22RA1 Antibody (C-term) Blocking Peptide - References

Meng, S., et al. J Mol Cell Biol 2(4):223-230(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Tohyama, M., et al. Eur. J. Immunol. 39(10):2779-2788(2009) Dumoutier, L., et al. J. Biol. Chem. 284(39):26377-26384(2009) Zhu, H., et al. HBDP INT 8(4):402-406(2009)