

IL22RA2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP18561a**Specification**

IL22RA2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q969J5](#)**IL22RA2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 116379**Other Names**

Interleukin-22 receptor subunit alpha-2, IL-22 receptor subunit alpha-2, IL-22R-alpha-2, IL-22RA2, Cytokine receptor class-II member 10, Cytokine receptor family 2 member 10, CRF2-10, Cytokine receptor family type 2, soluble 1, CRF2-S1, Interleukin-22-binding protein, IL-22BP, IL22BP, ZcytoR16, IL22RA2

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.

IL22RA2 Antibody (N-term) Blocking Peptide - Protein Information**Name** IL22RA2**Function**

Isoform 2 is a receptor for IL22. Binds to IL22, prevents interaction with the functional IL-22R complex and blocks the activity of IL22 (in vitro). May play an important role as an IL22 antagonist in the regulation of inflammatory responses.

Cellular Location

Secreted.

Tissue Location

Expressed in placenta, spleen, breast, skin and lung. Also detected in intestinal tract, testis, brain, heart and thymus. No expression found in prostate, bladder, kidney, ovary, muscle, bone marrow, liver and uterus. Isoform 1 is expressed only in placenta. Isoform 2 is expressed in placenta and breast and at lower level in spleen, skin, thymus and stomach

IL22RA2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

IL22RA2 Antibody (N-term) Blocking Peptide - Images

IL22RA2 Antibody (N-term) Blocking Peptide - Background

The protein encoded by this gene is a soluble class II cytokine receptor. This protein has been shown to specifically bind to interleukin 22 (IL22), block the interaction of IL22 with its cell surface receptor, and thus inhibit IL22 activity. This protein functions as an IL22 antagonist, and may be important in the regulation of inflammatory response. Three alternatively spliced transcript variants encoding distinct isoforms have been described.

IL22RA2 Antibody (N-term) Blocking Peptide - References

Davila, S., et al. Genes Immun. 11(3):232-238(2010) Kingo, K., et al. J. Dermatol. Sci. 57(1):71-73(2010) Trynka, G., et al. Gut 58(8):1078-1083(2009) Endam, L.M., et al. Otolaryngol Head Neck Surg 140(5):741-747(2009) de Moura, P.R., et al. FEBS Lett. 583(7):1072-1077(2009)