

IL22RA2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18561A

Specification

IL22RA2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q969J5
Other Accession	NP_443194.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	30550
Antigen Region	15-42

IL22RA2 Antibody (N-term) - 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

Target/Specificity

This IL22RA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-42 amino acids from the N-terminal region of human IL22RA2.

Dilution

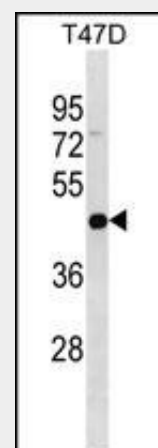
WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

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



IL22RA2 Antibody (N-term) (Cat. #AP18561a) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the IL22RA2 antibody detected the IL22RA2 protein (arrow).

IL22RA2 Antibody (N-term) - 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) - 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

in small aliquots to prevent freeze-thaw cycles.

Precautions

IL22RA2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

140(5):741-747(2009)
de Moura, P.R., et al. FEBS Lett.
583(7):1072-1077(2009)

IL22RA2 Antibody (N-term) - 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) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)