
IL-22 Receptor Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253403

Unit: 0.1 mg

Description:

A novel cytokine, designated IL-TIF for IL-10 related T cell-derived inducible factor and IL-22, was recently identified. The receptor for IL-22 (IL-22R, also termed CRF2-9 and IL-TIF-R1 chain) is a new member of the class II cytokine receptor family. IL-22R forms a complex with IL-10 receptor beta chain and mediates IL-22 signaling. IL-22 and its receptor activate JAK-STAT signaling pathway. IL22R is expressed in normal liver and kidney and their cell lines HepG2 and TK-10. A soluble form of IL-22 receptor, also termed IL-22 binding protein (IL-22BP) and IL-22 receptor-alpha 2 (IL-22RA2), was identified very recently. IL-22BP prevents binding of IL-22 to the functional cell surface IL-22R complex and neutralizes IL-22 activity. LPS induces IL-22 expression, which indicates the role of IL-22 in inflammatory response.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: IL-22 Receptor ; IL22R

Accession No.: AF286095

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human IL-22 Receptor.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.