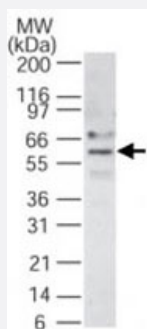


IL21R polyclonal antibody

Catalog # PAB0364

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of IL21R in 30 ugs of Raji cell lysate. Using IL21R polyclonal antibody (Cat # PAB0364) at 1 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of IL21R.
Immunogen	A mixture of synthetic peptides corresponding to amino acids 65-80 and 505-521 of human IL21R.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% gelatin, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of IL21R in 30 ugs of Raji cell lysate. Using IL21R polyclonal antibody (Cat # PAB0364) at 1 ug/mL .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — IL21R

Entrez GeneID	50615
Gene Name	IL21R
Gene Alias	MGC10967, NILR
Gene Description	interleukin 21 receptor
Omim ID	147050 605383
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine receptor for interleukin 21 (IL21). It belongs to the type I cytokine receptors, and has been shown to form a heterodimeric receptor complex with the common gamma-chain, a receptor subunit also shared by the receptors for interleukin 2, 4, 7, 9, and 15. This receptor transduces the growth promoting signal of IL21, and is important for the proliferation and differentiation of T cells, B cells, and natural killer (NK) cells. The ligand binding of this receptor leads to the activation of multiple downstream signaling molecules, including JAK1, JAK3, STAT1, and STAT3. Knockout studies of a similar gene in mouse suggest a role for this gene in regulating immunoglobulin production. Three alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]
Other Designations	-

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Cerebral Hemorrhage](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
- [Encephalomyelitis](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Osteoporosis](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)