

IL4 Rabbit Polyclonal Antibody

Catalog No: #29564

Package Size: #29564-1 50ul #29564-2 100ul

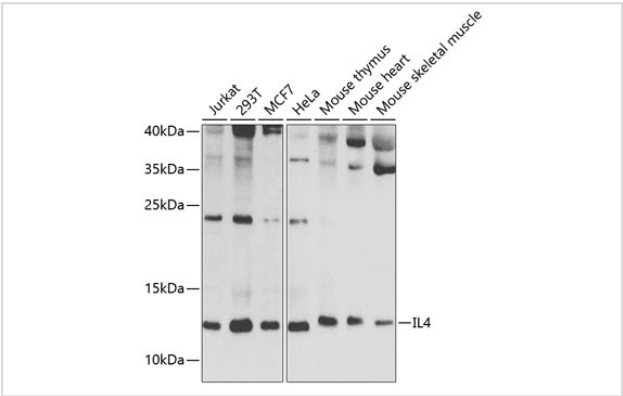
Description

Product Name	IL4 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human IL4 (NP_000580.1).
Conjugates	Unconjugated
Other Names	IL4;BCGF-1;BCGF1;BSF-1;BSF1;IL-4
Accession No.	Swiss_Prot:P05112Gene_ID:3565
Calculated MW	13kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

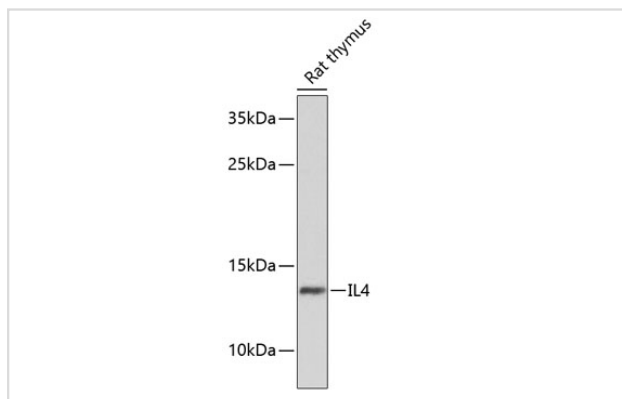
Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using IL4 antibody.



Western blot analysis of extracts of rat skeletal muscle, using IL4 antibody.

Background

The protein encoded by this gene is a pleiotropic cytokine produced by activated T cells. This cytokine is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine. This gene, IL3, IL5, IL13, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL13. This gene, IL13 and IL5 are found to be regulated coordinately by several long-range regulatory elements in an over 120 kilobase range on the chromosome. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.