

## Interleukin-6 Polyclonal Antibody

Catalog No: #42464

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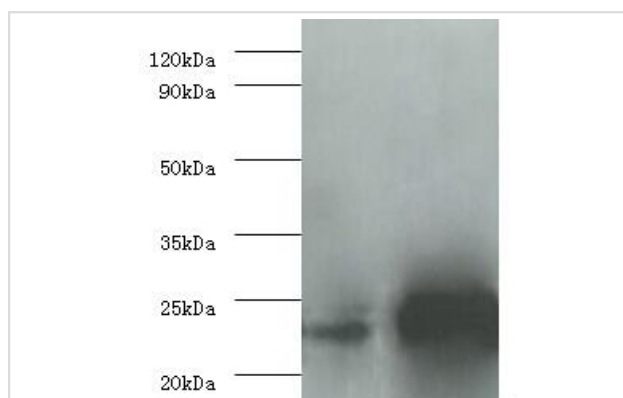
## Description

Product Name	Interleukin-6 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Interleukin-6 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Interleukin-6 protein
Target Name	Interleukin-6
Other Names	B-cell stimulatory factor 2, BSF-2, CTL differentiation factor, CDF, Hybridoma growth factor, Interferon beta-2, IFN-beta-2
Accession No.	Swiss-Prot#: P05231
Uniprot	P05231
GeneID	3569;
Calculated MW	23kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Western blotting: □ 1:500 - 1:1000

## Images



All lanes: Interleukin-6 antibody at 2ug/ml  
Lane 1: human PBMC cells  
Lane 2: Recombinant Interleukin-6 protein  
secondary  
Goat polyclonal to rabbit at 1/10000 dilution  
predicted band size :23kDa  
observed band size :23kDa

## Background

Cytokine with a wide variety of biological functions. It is a potent inducer of the acute phase response. Plays an essential role in the final differentiation of B-cells into Ig-secreting cells Involved in lymphocyte and monocyte differentiation. It induces myeloma and plasmacytoma growth and induces nerve

cells differentiation Acts on B-cells, T-cells, hepatocytes, hematopoietic progenitor cells and cells of the CNS. Also acts as a myokine. It is discharged into the bloodstream after muscle contraction and acts to increase the breakdown of fats and to improve insulin resistance.

## References

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[1] "Complementary DNA for a novel human interleukin (BSF-2) that induces B lymphocytes to produce immunoglobulin."Hirano T., Yasukawa K., Harada H., Taga T., Watanabe Y., Matsuda T., Kashiwamura S., Nakajima K., Koyama K., Iwamatsu A., Tsunasaw

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Note: This product is for in vitro research use only