

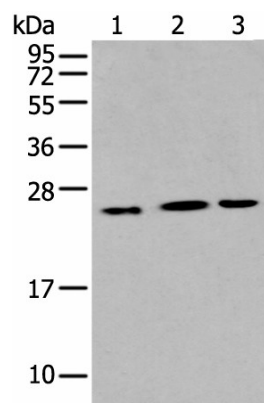


Product name:	IL6 Polyclonal Antibody
Cat number:	AB19453
Conjugate:	Unconjugated
Host:	Rabbit
Size:	200µL
Synonyms:	IL6;IFNB2
Clone:	Polyclonal
Concentration:	1.1 mg/mL
Isotype:	IgG
Immunogen:	Synthetic peptide of human IL6
Reactivity:	Human
Applications:	WB 1:500-1:2000
Molecular Weight:	Refer to figures
Purification:	Antigen affinity purification
Background:	Interleukin-6 (IL-6) is an interleukin that acts as both a pro-inflammatory and anti-inflammatory cytokine. IL-6 protein is secreted by a variety of cell types including T cells and macrophages as phosphorylated and variably glycosylated molecule. IL-6 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. IL-6 is also considered a myokine,a cytokine produced from muscle,and is elevated in response to muscle contraction. IL-6 has been shown to interact with interleukin-6 receptor and glycoprotein 130. Additionally,IL-6 is involved in hematopoiesis,bone metabolism,and cancer progression,and has been defined an essential role in directing transition from innate to acquired immunity.
Buffer:	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Storage:	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

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Western blot analysis of Hepg2 Hela
and A549 cell using IL6 Polyclonal
Antibody at dilution of 1:400

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