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IL6R Polyclonal Antibody

Cat #: G-AB-00301

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
This gene encodes a subunit of the interleukin 6 (IL6) receptor complex. Interleukin 6 is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in the immune response. The IL6 receptor is a protein complex consisting of this protein and interleukin 6 signal transducer (IL6ST/GP130/IL6-beta), a receptor subunit also shared by many other cytokines. Dysregulated production of IL6 and this receptor are implicated in the pathogenesis of many diseases, such as multiple myeloma, autoimmune diseases and prostate cancer. Alternatively spliced transcript variants encoding distinct isoforms have been reported. A pseudogene of this gene is found on chromosome 9.

Gene ID:

Accession #:

Immunogen: Recombinant Human Interleukin-6 receptor subunit alpha protein

Conjugation: Unconjugated

Swissprot: P08887

Calculated Molecular Weight: 40,51 kDa

Observed Molecular Weight: 80 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.

Purification Method: Antigen Affinity Purification

Application: WB,IHC

Dilution: WB 1:1000-1:2000 IHC 1:100-1:300

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