

## IL6R Polyclonal Antibody

catalog number: **E-AB-40344**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

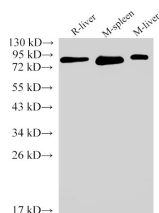
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human Interleukin-6 receptor subunit alpha protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Buffer</b>	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

### Applications

<b>WB</b>	1:1000-1:2000
<b>IHC</b>	1:100-1:300

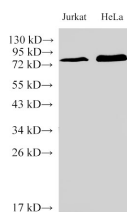
### Data



Western Blot analysis of Rat liver, Mouse spleen and Mouse liver using IL6R Polyclonal Antibody at dilution of 1:2000

**Observed-MW:80 kDa**

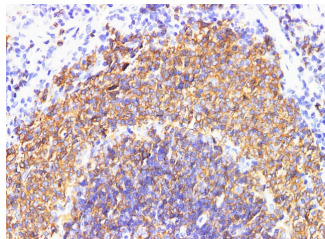
**Calculated-MW:40,51 kDa**



Western Blot analysis of Jurkat and HeLa Cells using IL6R Polyclonal Antibody at dilution of 1:2000

**Observed-MW:80 kDa**

**Calculated-MW:40,51 kDa**



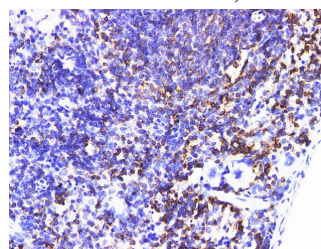
Immunohistochemistry of paraffin-embedded Rat spleen using IL6R Polyclonal Antibody at dilution of 1:200



Western Blot analysis of Rat spleen using IL6R Polyclonal Antibody at dilution of 1:2000

**Observed-MW:80 kDa**

**Calculated-MW:40,51 kDa**



Immunohistochemistry of paraffin-embedded Mouse spleen using IL6R Polyclonal Antibody at dilution of 1:200

### For Research Use Only

Toll-free: 1-888-852-8623  
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Rev. V2.0



## Preparation & Storage

**Storage**

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping**

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## Background

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.

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