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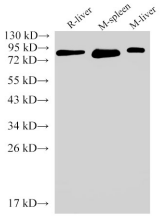
IL6R Polyclonal Antibody

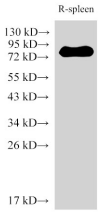
Catalog No.	E-AB-40344	**Reactivity**	H,M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC	**Isotype**	IgG

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

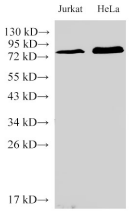
Images



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



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



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

Immunogen Information

Immunogen	Recombinant Human Interleukin-6 receptor subunit alpha protein
GeneID	3570
Swissprot	P08887
Synonyms	CD 126, gp80, IL 6R 1, IL 6R alpha, IL-6 receptor subunit alpha, IL-6RA, IL-6R-alpha

Product Information

Calculated MW	40,51 kDa
Observed MW	80 kDa
Buffer	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
Purify	Antigen Affinity Purification
Dilution	WB 1:1000-1:2000 IHC 1:100-1:300

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.