

A11114

Leader in Biomolecular Solutions for Life Science



## IL6 Rabbit pAb

Catalog No.: A11114

3 Publications

### Basic Information

#### Observed MW

23-30kDa

#### Calculated MW

24kDa

#### Category

Polyclonal Antibody

#### Applications

WB, IHC-P, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### Background

This gene encodes a cytokine that functions in inflammation and the maturation of B cells. In addition, the encoded protein has been shown to be an endogenous pyrogen capable of inducing fever in people with autoimmune diseases or infections. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha. The functioning of this gene is implicated in a wide variety of inflammation-associated disease states, including susceptibility to diabetes mellitus and systemic juvenile rheumatoid arthritis. Elevated levels of the encoded protein have been found in virus infections, including COVID-19 (disease caused by SARS-CoV-2).

### Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:100

### Immunogen Information

#### Gene ID

3569

#### Swiss Prot

P05231

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 30-212 of human IL6 (NP\_000591.1).

#### Synonyms

CDF; HGF; HSF; BSF2; IL-6; BSF-2; IFNB2; IFN-beta-2; IL6

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

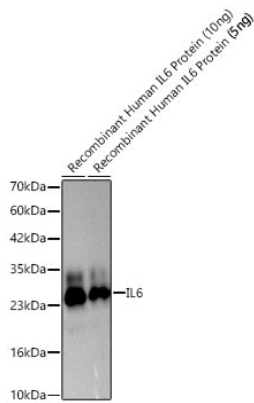
Affinity purification

#### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of recombinant Human IL6 Protein using IL6 Rabbit pAb (A11114) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 5ng - 10ng per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.