

A1115

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## IL18 Rabbit pAb

Catalog No.: A1115

79 Publications

### Basic Information

#### Observed MW

18kDa

#### Calculated MW

22kDa

#### Category

Polyclonal Antibody

#### Applications

WB,IP,ELISA

#### Cross-Reactivity

Human

### Background

The protein encoded by this gene is a proinflammatory cytokine of the IL-1 family that is constitutively found as a precursor within the cytoplasm of a variety of cells including macrophages and keratinocytes. The inactive IL-18 precursor is processed to its active form by caspase-1, and is capable of stimulating interferon gamma production, and of regulating both T helper (Th) 1 and Th2 responses. This cytokine has been implicated in the injury of different organs, and in potentially fatal conditions characterized by a cytokine storm. In humans, IL-18 gene is located on chromosome 11. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

### Recommended Dilutions

**WB** 1:500 - 1:1000

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

### Immunogen Information

#### Gene ID

3606

#### Swiss Prot

Q14116

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 37-193 of human IL18 (NP\_001553.1).

#### Synonyms

IGIF; IL-18; IL-1g; IL1F4; IL18

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

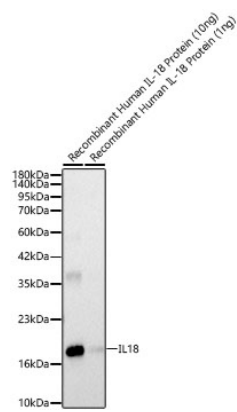
Affinity purification

#### Storage

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

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Western blot analysis of recombinant Human IL-18 Protein using IL18 Rabbit pAb (A1115) at 1:500 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 10 ng/1 ng per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 20s.

Immunoprecipitation analysis of 200 µg extracts of HeLa cells, using 3 µg IL18 antibody (A1115). Western blot was performed from the immunoprecipitate using IL18 antibody (A1115) at a dilution of 1:1000.

