

## IL-4 Rabbit pAb

CatalogNo: YT2335

Orthogonal Validated 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, FC, ELISA

#### MW

- 18kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-2000****Flow Cyt 1:50-200****ELISA 1:5000-20000**

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from the C-terminal region of human IL-4.**Specificity** IL-4 Polyclonal Antibody detects endogenous levels of IL-4 protein.

### Target Information

**Gene name** IL4

**Protein Name**

Interleukin-4

**Organism****Gene ID****UniProt ID**

Human

[3565;](#)[P05112;](#)

Mouse

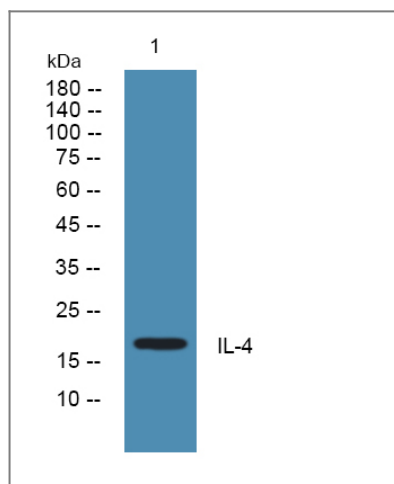
[P07750;](#)**Cellular  
Localization**

Secreted.

**Tissue specificity** Blood,PCR rescued clones,**Function**

Disease:Genetic variations in IL4 may be a cause of susceptibility to ischemic stroke [MIM:601367]; also known as cerebrovascular accident or cerebral infarction. A stroke is an acute neurologic event leading to death of neural tissue of the brain and resulting in loss of motor, sensory and/or cognitive function. Ischemic strokes, resulting from vascular occlusion, is considered to be a highly complex disease consisting of a group of heterogeneous disorders with multiple genetic and environmental risk factors.,Function:Participates in at least several B-cell activation processes as well as of other cell types. It is a costimulator of DNA-synthesis. It induces the expression of class II MHC molecules on resting B-cells. It enhances both secretion and cell surface expression of IgE and IgG1. It also regulates the expression of the low affinity Fc receptor for IgE (CD23) on both lymphocytes and monocytes.,similarity:Belongs to the IL-4/IL-13 family.,

## Validation Data



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4°over night

## Contact information

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