

# STAT1 Recombinant antibody

**Cat: B35040D**
**Company: HaoKebio**
**Uniprot ID:** P42224

**Applications:** IHC:1:1000-1:5000

**Organism:** Rabbit

IHC-Polymer:1:4000-1:20000

**Species reactivity:** Human

IHC-TSA:1:5000-1:25000

**Molecular Weight Calculation:** 87 kDa

IF:1:50-1:250

**Observed Molecular Weight:** 87 kDa

WB:1:1000

## Background:

The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein can be activated by various ligands including interferon- $\alpha$ , interferon- $\gamma$ , EGF, PDGF and IL6. This protein mediates the expression of a variety of genes, which is thought to be important for cell viability in response to different cell stimuli and pathogens. Two alternatively spliced transcript variants encoding distinct isoforms have been described.

## Protein full name:

Signal Transducer and Activator of Transcription 1

## Synonyms:

CANDF7; IMD31A; IMD31B; IMD31C; ISGF-3; STAT91

## Immunogen:

Recombinant protein

## Isotype:

IgG

## Subcellular location:

Cytoplasm

## Purity:

Affinity purification

## Form:

Liquid

## Storage Buffer:

PBS with 0.02% sodium azide, 100  $\mu$ g/ml BSA and 50% glycerol.

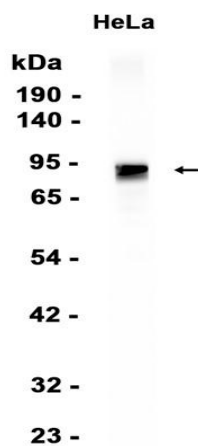
## Storage:

Store at -20 °C for one year.

## Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

## Images:



Dilution of 1:1000 incubated at room temperature for 1.5 hours.

## Source of Reagents:

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