# Phospho-Tyk2-Y1054/1055 Rabbit pAb

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Catalog No.: AP0543 4 Publications

## **Basic Information**

#### **Observed MW**

134kDa

## **Calculated MW**

134kDa

### Category

Primary antibody

## **Applications**

WB,ELISA

#### **Cross-Reactivity**

Mouse, Rat

# **Background**

This gene encodes a member of the tyrosine kinase and, more specifically, the Janus kinases (JAKs) protein families. This protein associates with the cytoplasmic domain of type I and type II cytokine receptors and promulgate cytokine signals by phosphorylating receptor subunits. It is also a component of both the type I and type III interferon signaling pathways. As such, it may play a role in anti-viral immunity. A mutation in this gene has been associated with Immunodeficiency 35.

# **Recommended Dilutions**

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

**ELISA** 

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

# **Immunogen Information**

**Gene ID Swiss Prot** 7297 P29597

#### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

## **Synonyms**

JTK1; IMD35; Phospho-Tyk2-Y1054/1055

## **Contact**

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## **Product Information**

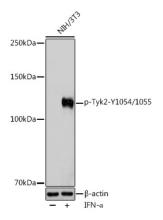
Source Isotype **Purification** lgG Rabbit Affinity purification

#### Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

# **Validation Data**



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-Tyk2-Y1054/1055 Rabbit pAb (AP0543) at 1:1000 dilution. NIH/3T3 cells were treated with IFN- $\alpha$  (100 ng/ml) at 37°C for 30 minutes after serum-starvation overnight.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% BSA.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 180s.