

Phospho-Tyk2-Y1054/1055 Rabbit pAb

Catalog No.: AP0543 **3 Publications**

Basic Information

Observed MW

134kDa

Calculated MW

134kDa

Category

Primary antibody

Applications

ELISA, WB

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

Immunogen Information

Gene ID

7297

Swiss Prot

P29597

Immunogen

A synthetic phosphorylated peptide around Y1054 & Y1055 of human Tyk2 (NP_003322.3).

Synonyms

JTK1; IMD35; Phospho-Tyk2-Y1054/1055

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

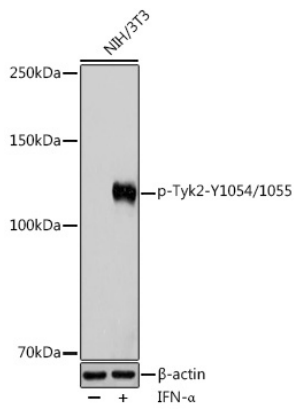
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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 by IFN- α (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: 25 μ g per lane.
Blocking buffer: 3% BSA.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 180s.