

Anti-Phospho-Tyk2 (Tyr1054/Tyr1055) Rabbit pAb

Purified Rabbit Polyclonal Antibody

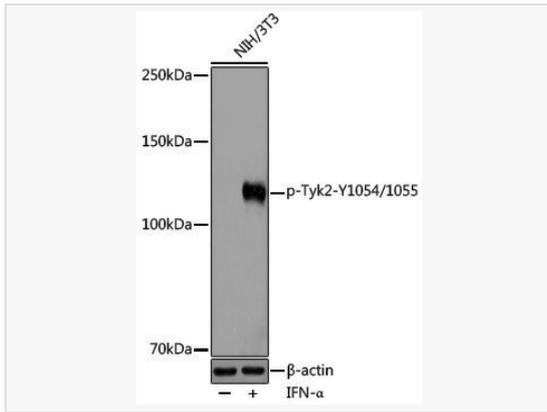
Catalog # P108955

Product Information

Application	WB, ELISA
Reactivity	Mouse, Rat
Dilution	WB 1:500~1:1,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around Y1054 & Y1055 of human Tyk2 (NP_003322.3).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-Tyk2 (Tyr1054/Tyr1055) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	JTK1; IMD35; Phospho-Tyk2-Y1054/1055.
Calculated MW	Calculated MW: 134 kDa; Observed MW: 134 kDa
Uniprot ID	P29597
Gene ID	7297
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.



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-Tyk2-Y1054/1055 Rabbit pAb (P108955) at 1:1,000 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) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% BSA.

Detection: ECL Enhanced Kit (SQ201).

Exposure time: 180s.