

Datasheet for ABIN6136278
anti-TYK2 antibody (pTyr1054, pTyr1055)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	TYK2
Binding Specificity:	pTyr1054, pTyr1055
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TYK2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic phosphorylated peptide around Y1054 & Y1055 of human Tyk2 (NP_003322.3).
Sequence:	EYYR
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Phosphorylated Antibodies

Target Details

Target:	TYK2
Alternative Name:	Tyk2 (TYK2 Products)
Background:	This gene encodes a member of the tyrosine kinase and, more specifically, the Janus kinases

Target Details

(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 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 hyperimmunoglobulin E syndrome (HIES) - a primary immunodeficiency characterized by elevated serum immunoglobulin E.,TYK2,IMD35,JTK1,Signal Transduction,Kinase,Tyrosine kinases,ErbB-HER Signaling Pathway,Immunology & Inflammation,Protein phosphorylation,Tyk2

Molecular Weight: 133 kDa

Gene ID: 7297

UniProt: [P29597](#)

Pathways: [JAK-STAT Signaling](#), [Hepatitis C](#)

Application Details

Application Notes: WB,1:500 - 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

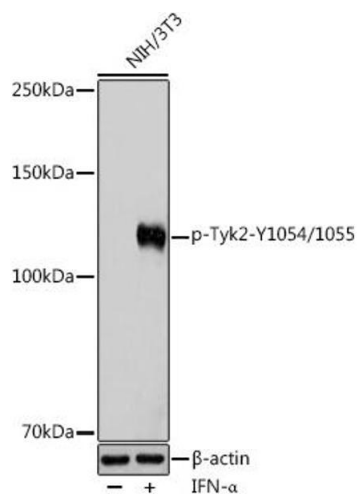
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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



Western Blotting

Image 1. Western blot analysis of extracts of NIH/3T3 cells, using Phospho-Tyk2-Y1054/1055 Rabbit pAb (ABIN6135332, ABIN6136278, ABIN6136279 and ABIN6225571) 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 Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % BSA. Detection: ECL Enhanced Kit (RM00021). Exposure time: 180s.