

Datasheet for ABIN7138907
anti-TYK2 antibody (pTyr1054)[Go to Product page](#)

1 Image

Overview

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

Product Details

| | |
|-------------------|--|
| Immunogen: | Peptide sequence around phosphorylation site of tyrosine 1054 (H-E-Y(p)-Y-R) derived from Human TYK2. |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using |

Target Details

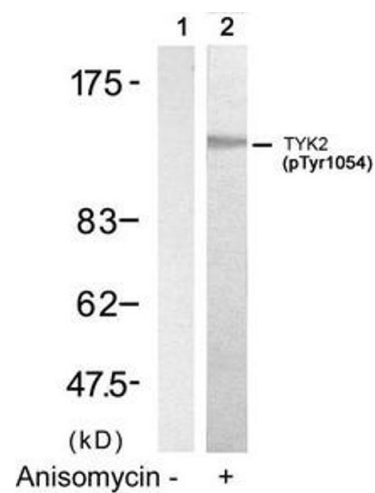
| | |
|-------------------|--|
| Target: | TYK2 |
| Alternative Name: | TYK2 (TYK2 Products) |

Target Details

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|-------------|--|
| Background: | <p>Background:</p> <p>TYK2 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 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.</p> <p>Zheng H, et al. (2005) Mol Cell Proteomics. 4(6):721-730.</p> <p>Gauzzi MC, et al. (1996) J Biol Chem. 271(34): 20494-20500.</p> <p>Aliases: JTK 1 antibody, JTK1 antibody, Non receptor tyrosine protein kinase 2 antibody, Non receptor tyrosine protein kinase TYK2 antibody, Non-receptor tyrosine-protein kinase TYK2 antibody, OTTHUMP00000232745 antibody, OTTHUMP00000232746 antibody, OTTHUMP00000232748 antibody, Protein Tyrosine Kinase 2 antibody, TYK 2 antibody, Tyk2 antibody, TYK2_HUMAN antibody, Tyrosine kinase 2 antibody</p> |
| UniProt: | P29597 |
| Pathways: | JAK-STAT Signaling , Hepatitis C |

Application Details

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|--------------------|--|
| Application Notes: | WB:1:500-1:1000, |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Buffer: | Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| 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,-80 °C |
| Storage Comment: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |



Western Blotting

Image 1. Western blot analysis of extracts from HT29 cells untreated(lane 1) or treated with Anisomycin(lane 2) using TYK2(Phospho-Tyr1054) Antibody.