TYK2(Phospho-Tyr1054) Antibody

Catalog No: #11148

Package Size: #11148-1 50ul #11148-2 100ul #11148-4 25ul

Overview

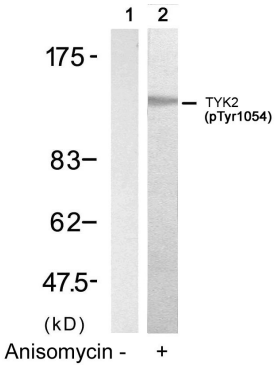
Product Name	TYK2(Phospho-Tyr1054) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Human Mouse Rat
Immunogen Type	Peptide-KLH
Target Name	TYK2
Modification	Phospho-Tyr1054
Alternative Names	tyrosine kinase 2; JTK1;

Application Details

Predicted MW: 140kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HT29 cells untreated(lane 1) or treated with Anisomycin(lane 2) using TYK2(Phospho-Tyr1054) Antibody #11148.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of tyrosine 1054 (H-E-Y(p)-Y-R) derived from Human TYK2.
Specificity	The antibody detects endogenous level of TYK2 only when phosphorylated at tyrosine 1054.
Purifiction	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 chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P29597NCBI Protein: NP_003322.3

Related Information

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.

Zheng H, et al. (2005) Mol Cell Proteomics. 4(6):721-730.
Gauzzi MC, et al. (1996) J Biol Chem. 271(34): 20494-20500.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.