

TYK2 antibody

Catalog No: #38374

Package Size: #38374-1 50ul #38374-2 100ul

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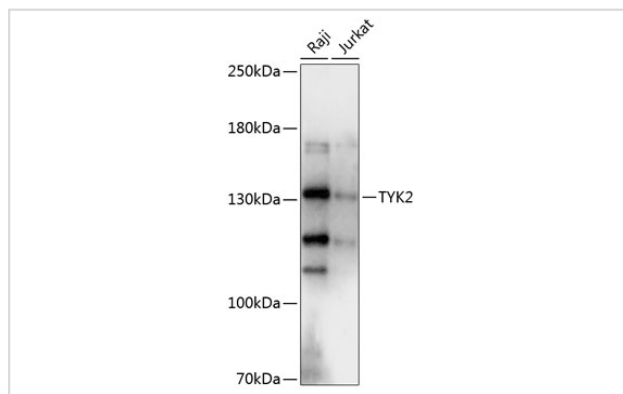
Description

Product Name	TYK2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total TYK2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TYK2.
Conjugates	Unconjugated
Target Name	TYK2
Other Names	JTK1
Accession No.	Swiss-Prot#: P29597NCBI Gene ID: 7297
SDS-PAGE MW	134kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using TYK2 antibody at 1:1000 dilution.

Background

Tyk2, a member of the Jak family of protein tyrosine kinases, associates with and is activated by receptors for many cytokines including IL-13, the IL-6

family, IL-10, and interferon-alpha and beta (1-3). Following ligand binding, Tyk2 is activated by phosphorylation on Tyr1054 and/or Tyr1055 (4). Tyk2 is required for the tyrosine phosphorylation of Stat3 in the IFN-beta signaling cascade (5).

Published Papers

el at., Inhibition of TPL2 by interferon- α suppresses bladder cancer through activation of PDE4D. In J Exp Clin Cancer Res. On 2018 Nov 27 by Qiang Z, Zhou ZY et al.. PMID: 30482227, , (2018)

[PMID:30482227](#)

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