

Datasheet for ABIN3022988
anti-TYK2 antibody (AA 750-850)



[Go to Product page](#)

6 Images

Overview

Quantity:	100 µL
Target:	TYK2
Binding Specificity:	AA 750-850
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TYK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 750-850 of human TYK2 (NP_003322.3).
Sequence:	GTSPFIKLS D PGVGLGALSR EERVERIPWL APECLPGGAN SLSTAMDKWG FGATLLEICF DGEAPLQSRS PSEKEHFYQR QHRLPEPSCP QLATLTSQCL T
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	TYK2
---------	------

Target Details

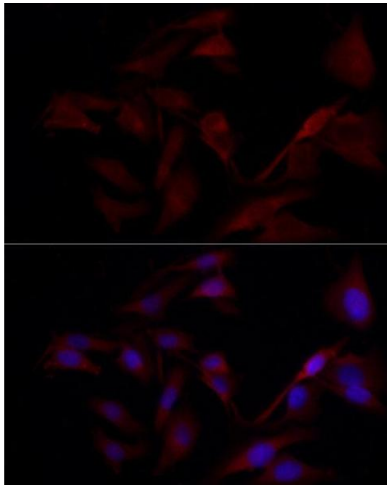
Alternative Name:	TYK2 (TYK2 Products)
Background:	This gene encodes a member of the tyrosine kinase and, more specifically, the Janus kinases (JAKs) protein families. This protein associates with the cytoplasmic domain of type I and type II cytokine receptors and promulgate cytokine signals by phosphorylating receptor subunits. It is also 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,TYK2
Molecular Weight:	133 kDa
Gene ID:	7297
UniProt:	P29597
Pathways:	JAK-STAT Signaling , Hepatitis C

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

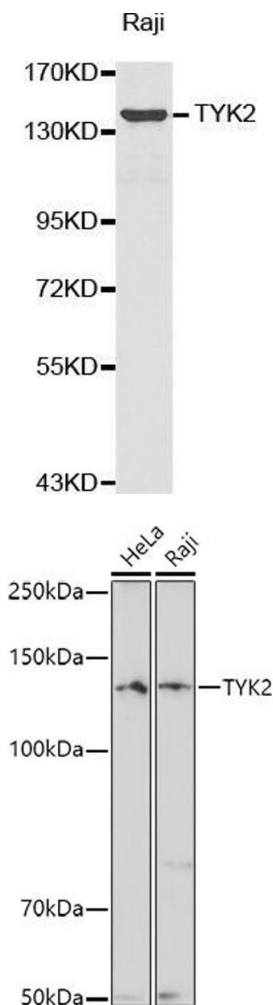
Handling

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



Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using TYK2 Rabbit pAb (ABIN3022987, ABIN3022988, ABIN3022989 and ABIN6219333) at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of Raji cell lines, using TYK2 antibody.

Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using TYK2 antibody (ABIN3022987, ABIN3022988, ABIN3022989 and ABIN6219333) at 1:500 dilution. 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 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3022988.