

Rabbit TYK2 Polyclonal Antibody | anti-TYK2 antibody

TYK2 Antibody

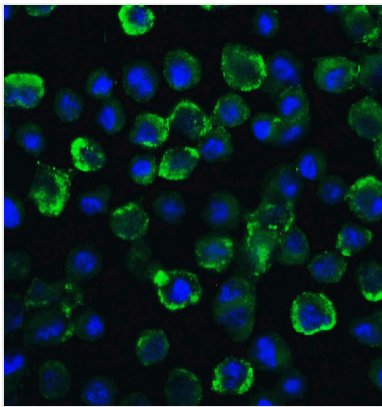
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40615	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

PRODUCT SYNONYMS

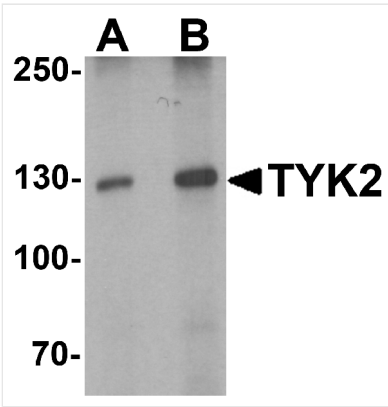
TYK2; Polyclonal Antibody; TYK2 Antibody; TYK2 Antibody: JTK1; Non-receptor tyrosine-protein kinase TYK2; anti-TYK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three isoforms of TYK2 are known to exist; this antibody only detects the two longest isoforms.
Purity/Purification	TYK2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; TYK2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	1187
Applicable Applications for anti-TYK2 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Rabbit polyclonal TYK2 antibody was raised against a 17 amino acid peptide near the amino terminus of human TYK2. The immunogen is located within amino acids 90 - 140 of TYK2.
Positive Control	Small Intestine Tissue Lysate.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.



IF (Immunofluorescence)
Immunofluorescence of TYK2 in A549 cells with TYK2 Antibody at 20 ug/ml.



WB (Western Blot)
TYK2 Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TYK2 antibody	TYK2 Antibody: TYK2 is a member of the Janus kinases (JAKs) protein families. TYK2 associates with the cytoplasmic domain of type I and type II cytokine receptors and promulgate cytokine signals by phosphorylating receptor subunits and is also a 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187608615
NCBI GeneID	7297
NCBI Accession #	NP_003322
NCBI GenBank Nucleotide #	NM_003331.4
UniProt Accession #	P29597; Q6QB10; Q96CH0
Molecular Weight	Predicted: 131 kDa
NCBI Official Full Name	non-receptor tyrosine-protein kinase TYK2
NCBI Official Synonym Full Names	tyrosine kinase 2
NCBI Official Symbol	TYK2
NCBI Official Synonym Symbols	JTK1; IMD35
NCBI Protein Information	non-receptor tyrosine-protein kinase TYK2
UniProt Protein Name	Non-receptor tyrosine-protein kinase TYK2
UniProt Gene Name	TYK2
UniProt Entry Name	TYK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.