

Rabbit TYK2 Polyclonal Antibody | anti-TYK2 antibody

Phospho-TYK2 (Tyr433) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328440	Rabbit	Human, MousePredicted: Pig, Bovine, Horse, Sheep, Dog, Xenopus	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TYK2; Polyclonal Antibody; Phospho-TYK2 (Tyr433) Antibody; JTK 1; JTK1; Non receptor tyrosine protein kinase 2; Non receptor tyrosine protein kinase TYK2; Non-receptor tyrosine-protein kinase TYK2; OTTHUMP00000232745; OTTHUMP00000232746; OTTHUMP00000232748; Protein Tyrosine Kinase 2; TYK 2; Tyk2; TYK2_HUMAN; Tyrosine kinase 2; anti-TYK2 antibody

PRODUCT SPECIFICATIONS

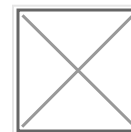
Host	Rabbit
Reactivity	Human, Mouse Predicted: Pig, Bovine, Horse, Sheep, Dog, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-TYK2 (Tyr433) Antibody detects endogenous levels of TYK2 only when phosphorylated at Tyr433.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1187
Applicable Applications for anti-TYK2 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TYK2 around the phosphorylation site of Tyr433.
Tissue Specificity	Observed in all cell lines analyzed. Expressed in a variety of lymphoid and non-lymphoid cell lines.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Phospho-TYK2 (Tyr433) in lysates of 293 heat shock, using Phospho-TYK2 (Tyr433) Antibody.



IHC (Immunohistochemistry)

At 1/100 staining human liver tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-TYK2 antibody	Description: Probably involved in intracellular signal transduction by being involved in the initiation of type I IFN signaling. Phosphorylates the interferon-alpha/beta receptor alpha chain.
	Subunit Structure: Interacts with JAKMIP1.
	Similarity: The FERM domain mediates interaction with JAKMIP1. Belongs to the protein kinase superfamily. Tyr protein kinase family. JAK subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187608615
NCBI GeneID	7297
NCBI Accession #	NP_003322.3
NCBI GenBank Nucleotide #	NP_003322.3
UniProt Accession #	P29597
Molecular Weight	Observed: 140 kDa Predicted: 134 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tyk2-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328440>