

Product datasheet for **TA321570**

TYK2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 200 amino acids of human tyrosine kinase 2
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	134 kDa
Gene Name:	tyrosine kinase 2
Database Link:	NP_003322 Entrez Gene 54721 Mouse Entrez Gene 100361294 Rat Entrez Gene 7297 Human P29597
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. Following ligand binding, Tyk2 is activated by phosphorylation on Tyr1054 and/or Tyr1055. Tyk2 is required for the tyrosine phosphorylation of Stat3 in the IFN-beta signaling cascade.
Synonyms:	IMD35; JTK1
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Jak-STAT signaling pathway



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Product images:

Predicted band size: 134 kDa. Positive control: Raji cell lysate. Recommended dilution: 1/500-2000. (Gel: 8%SDS-PAGE Lysate: 40 ug Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute)