

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% NaN3, 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 MouseEntrez Gene 100361294 RatEntrez 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



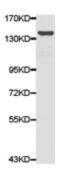
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Product images:



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)