

bs-6662R**[Primary Antibody]****BioSS**
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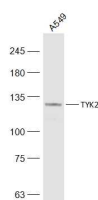
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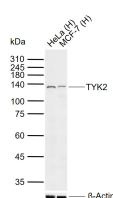
400-901-9800

TYK2 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog, GuineaPig, Horse)
GeneID: 7297	SWISS: P29597	Predicted MW.: 134 kDa
Target: TYK2		Subcellular Location: Cytoplasm ,Nucleus
Immunogen: KLH conjugated synthetic peptide derived from human TYK2: 401-500/1178.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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. [provided by RefSeq].		

— VALIDATION IMAGES —

Sample: A549(Human) Cell Lysate at 30 ug
 Primary: Anti-TYK2 (bs-6662R) at 1/500 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 134 kD
 Observed band size: 134 kD



Sample: Lane 1: Human HeLa cell lysates Lane 2: Human MCF-7 cell lysates
 Primary: Anti- TYK2 (bs-6662R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 134 kDa Observed band size: 134 kDa

— SELECTED CITATIONS —

- **[IF=6.304]** Chen Y et al. Dendritic cells-derived interferon-λ1 ameliorated inflammatory bone destruction through inhibiting osteoclastogenesis. Cell Death Dis. 2020 Jun 2;11(6):414. WB ;Mouse. 32488049
- **[IF=5.191]** Xiaohan Luan. et al. Cyclophilin A is a key positive and negative feedback regulator within interleukin-6 trans-signaling pathway. Faseb J. 2021 Nov;35(11):e21958 WB ;Human. 34606626
- **[IF=5.4]** Ting Xiao. et al. Ameliorative effect of Alangium chinense (Lour.) Harms on rheumatoid arthritis by reducing autophagy with targeting regulate JAK3-STAT3 and COX-2 pathways. J ETHNOPHARMACOL. 2023 Sep;:117133 WB ;Rat. 37690476
- **[IF=3.8]** Kexin Wang. et al. Lactobacillus salivarius ameliorates Mycoplasma gallisepticum-induced inflammation via the JAK/STAT signaling pathway involving respiratory microbiota and metabolites. POULTRY SCI. 2024 Jun;:103942 WB

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

;Chicken. 38908119

- **[IF=3.293]** Yusong Miao. et al. Mycoplasma gallisepticum induced inflammation-mediated Th1/Th2 immune imbalance via JAK/STAT signaling pathway in chicken trachea: Involvement of respiratory microbiota. Vet Microbiol. 2022 Feb;265:109330 WB ;Chicken. 34995932