#### bs-20168R

## [ Primary Antibody ]

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Reactivity: Mouse (predicted: Human,

125 kDa

Rat, Pig, Cow, Dog, Horse)

Applications: WB (1:500-2000)

**Predicted** 

MW.:

Subcellular Location: Cytoplasm

# phospho-Jak3 (Tyr785) Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**GenelD:** 3718 **SWISS:** P52333

Target: Jak3 (Tyr785)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human

Jak3 around the phosphorylation site of Tyr785: SD(p-Y)EL.

**Purification:** affinity purified by Protein A

Concentration: 1mg/ml

Storage: Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS,

pH1.4.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

**Background:** The protein encoded by this gene is a member of the Janus kinase

(JAK) family of tyrosine kinases involved in cytokine receptormediated intracellular signal transduction. It is predominantly expressed in immune cells and transduces a signal in response to its activation via tyrosine phosphorylation by interleukin receptors. Mutations in this gene are associated with autosomal SCID (severe combined immunodeficiency disease). [provided by RefSeq, Jul

2008]

VALIDATION IMAGES -



Sample: Lane 1: Mouse Lung Lysates Lane 2: Mouse Blood cell Lysates Primary: Anti-Phospho-Jak3 (Tyr785) (bs-20168R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 125kDa Observed band size: 125kDa

### - SELECTED CITATIONS -

- [IF=14.1] Jiayu Wang. et al. Discovery of Natural Compound α-Hederin via Large-Scale Screening as a Targeted JAK/STAT3 Inhibitor for Ovarian Cancer Therapy. ADV SCI. 2025 Jul;:e17278 WB; Human. 40667652
- [IF=6.291] Changjiang Liu. et al. Cypermethrin triggers YY1-mediated testosterone biosynthesis suppression. Ecotox Environ Safe. 2021 Dec;225:112792 WB; Rat. 10.1016/j.ecoenv.2021.112792
- [IF=5.834] Yan Yao. et al. P38γ modulates the lipid metabolism in non-alcoholic fatty liver disease by regulating the JAK-STAT signaling pathway. FASEB J. 2022 Dec;37(1):e22716 WB; Mouse. 36527390
- [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=2.848] Hong-yan CHEN. et al. HBP1 inhibits chicken preadipocyte differentiation by activating the STAT3 signaling

ia directly enhancing JAK2 expression. J INTEGR AGR. 2022 Jun;21:1740 WB ;Chicken,Bird. 0.1016/S2095-3119(21)63895-9					