bs-20760R **[Primary Antibody]**

JNK1 + JNK3 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 5599 **SWISS:** P45983

Target: JNK1 + JNK3

Immunogen: KLH conjugated synthetic peptide derived from human JNK1 + JNK3: 321-400/427.

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: phosphorylated at the Thr-Pro-Tyr phosphorylation motif instead of the characteristic MAP kinase Thr-Glu-Tyr motif. JNK2 (p54a, SAPK1a), along with JNK1 and JNK3, is thought to play an important role in nuclear signal transduction through its environmental stress activation and subsequent phosphorylation of the nuclear transcription factor p53.

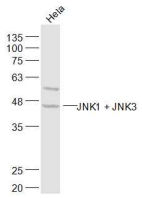
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Chicken, Horse)

Predicted MW.: 42 kDa

Subcellular Location: Nucleus

VALIDATION IMAGES



Sample: Hela(Human) Cell Lysate at 30 ug Primary: Anti-JNK1 + JNK3 (bs-20760R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 42 kD Observed band size: 42 kD

SELECTED CITATIONS

- **[IF=4.014]** M. Zhang. et al. Osteocalcin reduces fat accumulation and inflammatory reaction by inhibiting ROS-JNK signal pathway in chicken embryonic hepatocytes. POULTRY SCIENCE. 2022 Jun;:102026 WB ;. 10.1016/j.psj.2022.102026
- **[IF=3.352]** Yusong Miao. et al. Methylsulfonylmethane ameliorates inflammation via NF-κB and ERK/JNK-MAPK signaling pathway in chicken trachea and HD11 cells during Mycoplasma gallisepticum infection. Poultry Sci. 2022 Jan;:101706 WB ;Chicken. 35121233
- **[IF=1.713]** Jian Wang. et al. Lactobacillus salivarius ameliorated Mycoplasma gallisepticum-induced inflammatory injury and secondary Escherichia coli infection in chickens: Involvement of intestinal microbiota. Vet Immunol Immunop. 2021 Mar;233:110192 WB ;Chicken. 33476924
- **[IF=1.713]** Jian Wang. et al. A respiratory commensal bacterium acts as a risk factor for Mycoplasma gallisepticum infection in chickens. Vet Immunol Immunop. 2020 Dec;230:110127 WB ;Chicken. 33080531