

bs-4163R**[Primary Antibody]****phospho-JNK1 + JNK2 + JNK3 (T183 + T183 + T221) Rabbit pAb****Bioss**
ANTIBODIES

www.bioss.com.cn

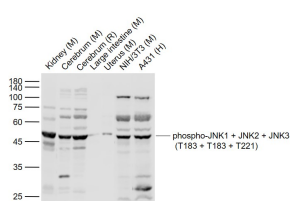
sales@bioss.com.cn

techsupport@bioss.com.cn

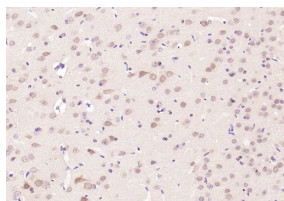
400-901-9800

DATASHEET

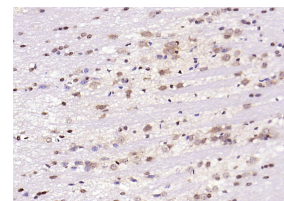
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat (predicted: Pig, Cow, Dog) Predicted MW.: 42 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 5599	SWISS: P45983	
Target: JNK1 + JNK2 + JNK3 (T183 + T183 + T221)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human JNK1/JNK2/JNK3 around the phosphorylation site of T183/T183/T221: MM(p-T)PY.		
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.		

VALIDATION IMAGES

Sample: Lane 1: Kidney (Mouse) Lysate at 40 ug
Lane 2: Cerebrum (Mouse) Lysate at 40 ug
Lane 3: Cerebrum (Rat) Lysate at 40 ug
Lane 4: Large intestine (Mouse) Lysate at 40 ug
Lane 5: Uterus (Mouse) Lysate at 40 ug
Lane 6: NIH/3T3 (Mouse) Cell Lysate at 30 ug
Lane 7: A431 (Human) Cell Lysate at 30 ug
Primary: Anti-phospho-JNK1 + JNK2 + JNK3 (T183 + T183 + T221) (bs-4163R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 46/54 kD
Observed band size: 46 kD



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-JNK1 + JNK2 + JNK3 (T183 + T183 + T221)) Polyclonal Antibody, Unconjugated (bs-4163R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-JNK1 + JNK2 + JNK3 (T183 + T183 + T221)) Polyclonal Antibody, Unconjugated (bs-4163R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

SELECTED CITATIONS

- **[IF=8.039]** Yifan Zhu. et al. Discovery of Selective P2Y6R Antagonists with High Affinity and In Vivo Efficacy for Inflammatory Disease Therapy. J MED CHEM. 2023;XXXX(XXX):XXX-XXX WB ;Mouse. 37078976
- **[IF=7.464]** Lu Zhang. et al. Southern rice black-streaked dwarf virus induces incomplete autophagy for persistence in gut epithelial cells of its vector insect. PLOS PATHOG. 2023 Jan;19(1):e1011134 WB ;Planthopper. 36706154
- **[IF=5.6]** Keyi Nong. et al. Effect of the Pseudopleuronectes americanus-derived Pleurocidin on DSS-induced Ulcerative colitis in mice and its preliminary molecular mechanisms. INT IMMUNOPHARMACOL. 2024 Mar;130:111757 WB ;Mouse. 38422770

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

- **[IF=5.6]** Yaxi Zhou. et al. Silkworm pupa protein peptide improved DSS-induced colitis in C57BL/6 mice through the MAPK/NF-κB signaling pathway. J FUNCT FOODS. 2023 Nov;110:105852 WB ;Mouse. 10.1016/j.jff.2023.105852
- **[IF=5.455]** Zhang, Rongrong. et al. Compound traditional Chinese medicine dermatitis ointment ameliorates inflammatory responses and dysregulation of itch-related molecules in atopic dermatitis. Chin Med-Uk. 2022 Dec;17(1):1-19 WB ;Mouse. 34983579