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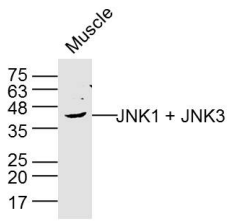
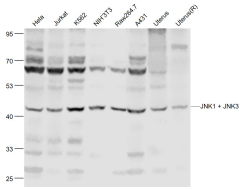
JNK1 + JNK3 Rabbit pAb

Catalog Number:	bs-0501R
Target Protein:	JNK1 + JNK3
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (1µg/Test), ICC/IF (1:100)
Reactivity:	Human, Mouse, Rat (predicted:Rabbit, Pig, Cow, Chicken, Dog)
Predicted MW:	42 kDa
Entrez Gene:	5599
Swiss Prot:	P45983
Source:	KLH conjugated synthetic peptide derived from human JNK1: 201-300/427.
Purification:	affinity purified by Protein A
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.

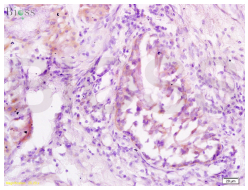
VALIDATION IMAGES



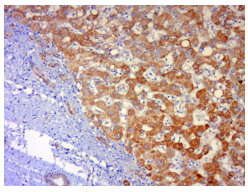
Sample:Muscle (Rat) Lysate at 40 ug Primary: Anti-JNK1 + JNK3 (bs-0501R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 42 kD Observed band size: 42 kD



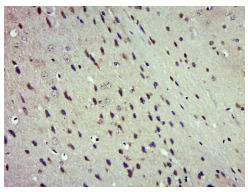
Sample: Hela(Human) Cell Lysate at 30 ug Jurkat(Human) Cell Lysate at 30 ug K562(Human) Cell Lysate at 30 ug NIH/3T3(Mouse) Cell Lysate at 30 ug Raw264.7(Mouse) Cell Lysate at 30 ug A431(Human) Cell Lysate at 30 ug Uterus(Mouse) Lysate at 40 ug Uterus(Rat) Lysate at 40 ug Primary: Anti-JNK1 + JNK3 (bs-0501R) 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



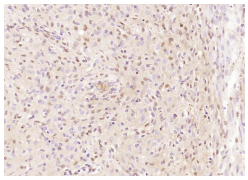
Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-JNK1/3 Polyclonal Antibody, Unconjugated(bs-0501R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human liver carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-JNK1+ JNK3 Polyclonal Antibody, Unconjugated(bs-0501R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) 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 (JNK1 + JNK3) Polyclonal Antibody, Unconjugated (bs-0501R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat uterus); 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 (JNK1 + JNK3) Polyclonal Antibody, Unconjugated (bs-0501R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=9.473] Shuting Wei. et al. Particle matters induce airway epithelial barrier dysfunction in vivo and in vitro: from a more realistic inhalation scenario. ENVIRON SCI-NANO. 2022 Jun;: WB ; Human . 10.1039/D2EN00390B

[IF=7.963] Meiqiong Wu. et al. Suppression of NADPH oxidase 4 inhibits PM2.5-induced cardiac fibrosis through ROS-P38 MAPK pathway. SCI TOTAL ENVIRON. 2022 Apr;:155558 WB ; Mouse,Rat . 35504386

[IF=5.285] Huawei Liu. et al. Integrated multi-omics reveals the beneficial role of chlorogenic acid in improving the growth performance and immune function of immunologically-stressed broilers. ANIM NUTR. 2023 May;: WB ; Chicken . 10.1016/j.aninu.2023.05.009

[IF=4.4] Cai Juncheng. et al. NDV-induced autophagy enhances inflammation through NLRP3/Caspase-1 inflammasomes and the p38/MAPK pathway. VET RES. 2023 Dec;54(1):1-15 WB ; Chicken . 37277829

[IF=3.31] Król, Magdalena, et al. "Macrophages Mediate a Switch between Canonical and Non-Canonical Wnt Pathways in Canine Mammary Tumors." PloS one 9.1 (2014): e83995. WB ; ="Dog" . 24404146