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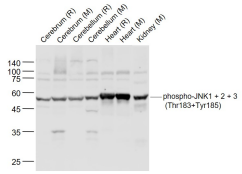
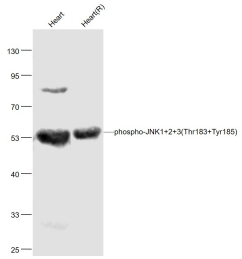
phospho-JNK1 + 2 + 3 (Thr183+Tyr185) Rabbit pAb

Catalog Number:	bs-1640R
Target Protein:	phospho-JNK1 + 2 + 3 (Thr183+Tyr185)
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)
Reactivity:	Human, Mouse, Rat (predicted:Pig, Cow, Dog)
Predicted MW:	42 kDa
Entrez Gene:	5599
Swiss Prot:	P45983
Source:	KLH conjugated Synthesised phosphopeptide derived from human JNK1 around the phosphorylation site of Thr183/Tyr185: MM(p-T)P(p-Y)VV.
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.

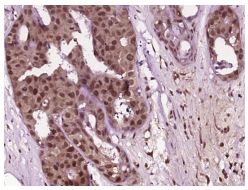
VALIDATION IMAGES



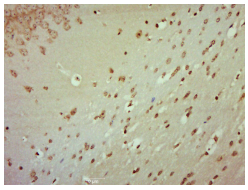
Sample: Lane 1: Cerebrum (Rat) Lysate at 40 ug Lane 2: Cerebrum (Mouse) Lysate at 40 ug Lane 3: Cerebellum (Rat) Lysate at 40 ug Lane 4: Cerebellum (Mouse) Lysate at 40 ug Lane 5: Heart (Rat) Lysate at 40 ug Lane 6: Heart (Mouse) Lysate at 40 ug Lane 7: Kidney (Mouse) Lysate at 40 ug Primary: Anti-phospho-JNK1 + 2 + 3 (Thr183+Tyr185) (bs-1640R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 46/54 kD Observed band size: 52 kD



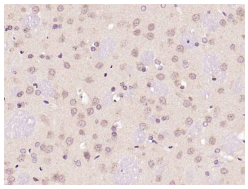
Sample: Heart(Mouse) Lysate at 40 ug Heart(Rat) Lysate at 40 ug Primary: Anti-phospho-JNK1+2+3(Thr183+Tyr185) (bs-1640R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 46'54 kD Observed band size: 54 kD



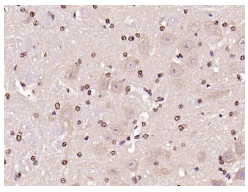
Paraformaldehyde-fixed, paraffin embedded (Human breast cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MAPK8) Polyclonal Antibody, Unconjugated (bs-1640R) at 1:400 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 (JNK1 + 2 + 3 (Thr183+Tyr185)) Polyclonal Antibody, Unconjugated (bs-1640R) 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 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 + 2 + 3 (Thr183+Tyr185)) Polyclonal Antibody, Unconjugated (bs-1640R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat cerebellum); 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 + 2 + 3 (Thr183+Tyr185)) Polyclonal Antibody, Unconjugated (bs-1640R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=14.7] Li Yin. et al. Macrophage P2Y6R activation aggravates psoriatic inflammation through IL-27-mediated Th1 responses. ACTA PHARM SIN B. 2024 Jun;: WB ; Mouse . 10.1016/j.apsb.2024.06.008

[IF=9.381] Zhaomin Zheng. et al. New insight into the structure-dependent two-way immunomodulatory effects of water-soluble yeast β-glucan in macrophages. CARBOHYD POLYM. 2022 Sep;291:119569 WB ; Mouse . 35698336

[IF=7.7] Pilian Niu. et al. A polysaccharide from Glycyrrhiza uralensis attenuates myocardial fibrosis via modulating the MAPK/PI3K/AKT signaling pathway. INT J BIOL MACROMOL. 2024 Nov;:138207 WB ; Mouse . 39617235

[IF=7.59] Muzhe Li. et al. STS load PCL- MECM based hydrogel hybrid scaffold promote meniscal regeneration via modulating macrophage phenotype polarization. BIOMATER SCI-UK. 2023 Jan;: WB ; Rabbit . 10.1039/D2BM00526C

[IF=6.656] Mingjuan Yang. et al. Rosmarinic acid potentiates and detoxifies tacrine in combination for Alzheimer's disease. PHYTOMEDICINE. 2022 Dec;:154600 WB ; Mouse . 36610144