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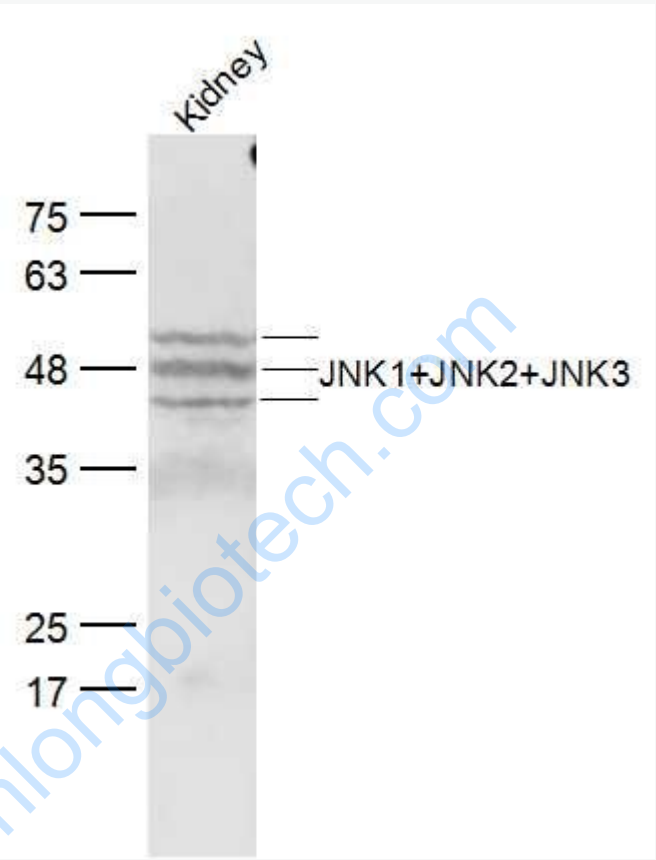
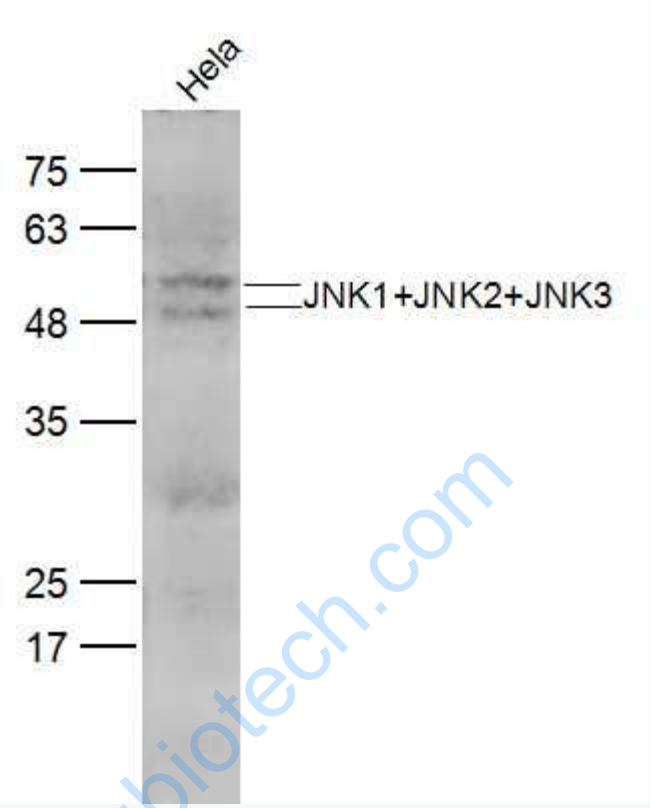
Rabbit Anti-JNK1+JNK2+JNK3 antibody

SL2592R

Product Name:	JNK1+JNK2+JNK3
Chinese Name:	氨基末端激酶1/2/3抗体
Alias:	JNK1 + JNK2 + JNK3; JNK1/2/3; JNK1+2+3; JNK1 + JNK2 + JNK3; MAPK10; c Jun N terminal kinase 1; c Jun N terminal kinase 2; c Jun N terminal kinase 3; JNK; JNK1; JNK2; JNK2ALPHA; JNK2BETA; JNK3; MAPK8; MAPK9; Mitogen activated protein kinase 10; Mitogen activated protein kinase 8; Mitogen activated protein kinase 9; SAPK(beta); Stress activated protein kinase JNK1; Stress activated protein kinase JNK2; Stress activated protein kinase JNK3; SAPK; p54a; JNK2A; JNK2B; PRKM9; JNK-55; SAPK1a; JNK2BETA; p54aSAPK; JNK2ALPHA.
文献引用 PubMed :	**Specific References(1)**|SL2592R has been referenced in 1 publications. **[IF=2.42]**Li, Mingyong, et al. "c-Jun N-Terminal Kinase is Upregulated in Patients With Hypospadias." Urology 81.1 (2013): 178-183.**IHC-P;Human**. PubMed:23273084
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800Flow-Cyt=1ug/TestIF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	42-47kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human JNK1/2/3:151-250/384
Lsotype:	IgG
Purification:	affinity purified by Protein A

Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	JNK1(MAPK8) is a member of the MAP kinase family. JNK1 is activated by threonine and tyrosine phosphorylation by either of two dual specificity kinases, MAP2K4 and MAP2K7. 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. JNK3 is a neuron-specific form of c-Jun N-terminal kinases. Through its phosphorylation and nuclear localization, this kinase plays regulatory roles in the signaling pathways of neuronal apoptosis. The JNK pathway is critically involved in diabetes and levels are abnormally elevated in obesity. **SWISS:** Q61831 **Gene ID:** 5599 **Database links:** Entrez Gene: 5599 Human Entrez Gene: 26419 Mouse Entrez Gene: 116554 Rat Omim: 601158 Human JNK1 SwissProt: P45983 Human JNK1 Unigene: 138211 Human JNK1 Unigene: 21495 Mouse JNK1 Unigene: 4090 Rat JNK1 Entrez Gene: 5601 Human JNK2

	Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 Sample: Kidney (Mouse) Lysate at 40 ug Primary: Anti-JNK1+JNK2+JNK3 (SL2592R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 42-47 kD Observed band size:42-52 kD



Sample:

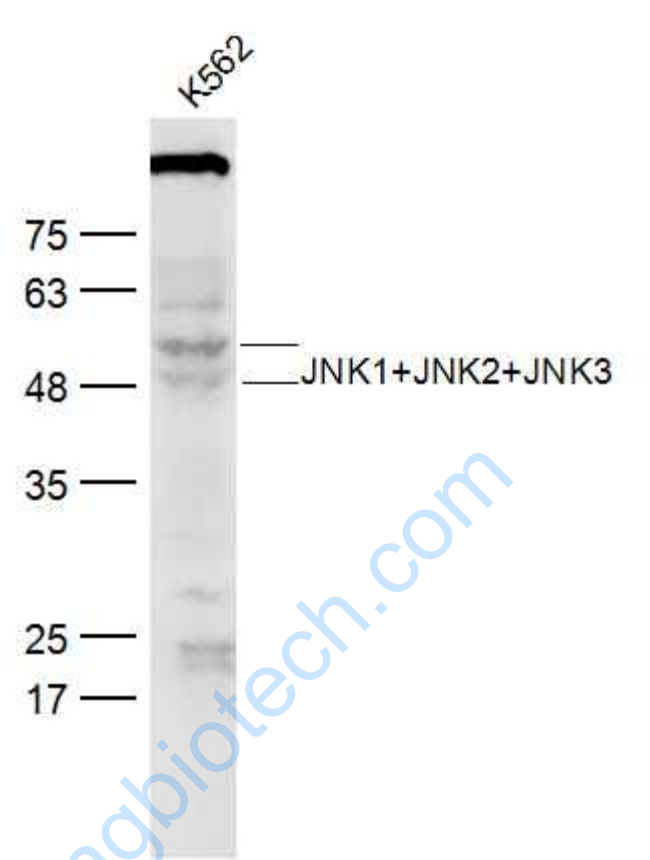
Hela(Human) CellLysate at 30 ug

Primary: Anti-JNK1+JNK2+JNK3 (SL2592R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 42-47 kD

Observed band size:42-52 kD



Sample:

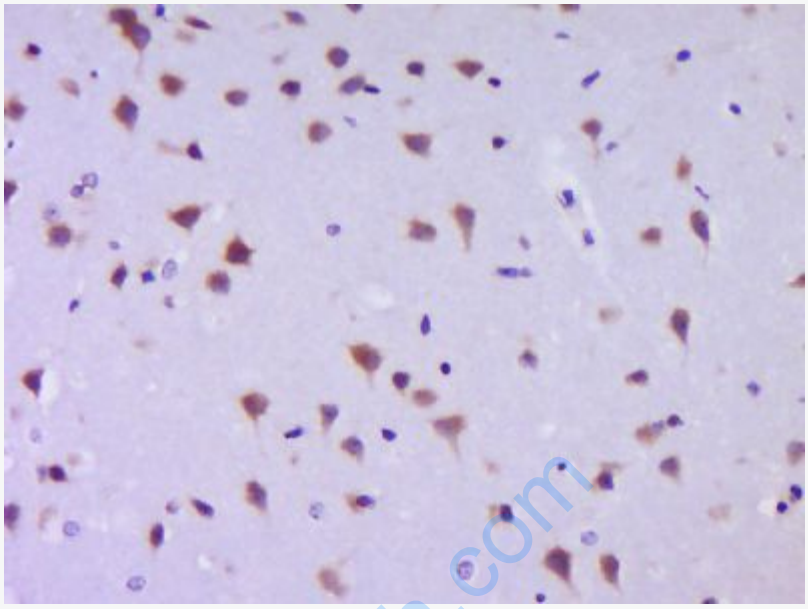
K562 (Human) Lysate at 30 ug

Primary: Anti-JNK1+JNK2+JNK3 (SL2592R) at 1/300 dilution

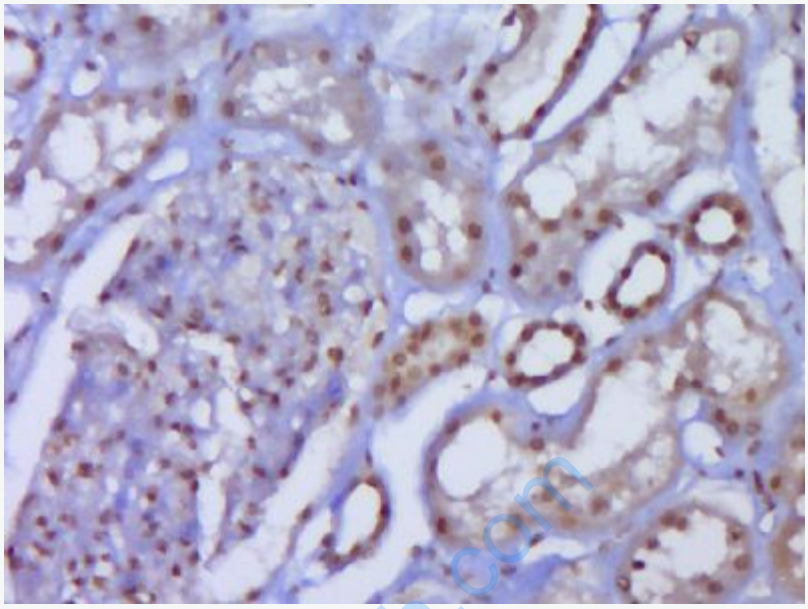
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 42-47 kD

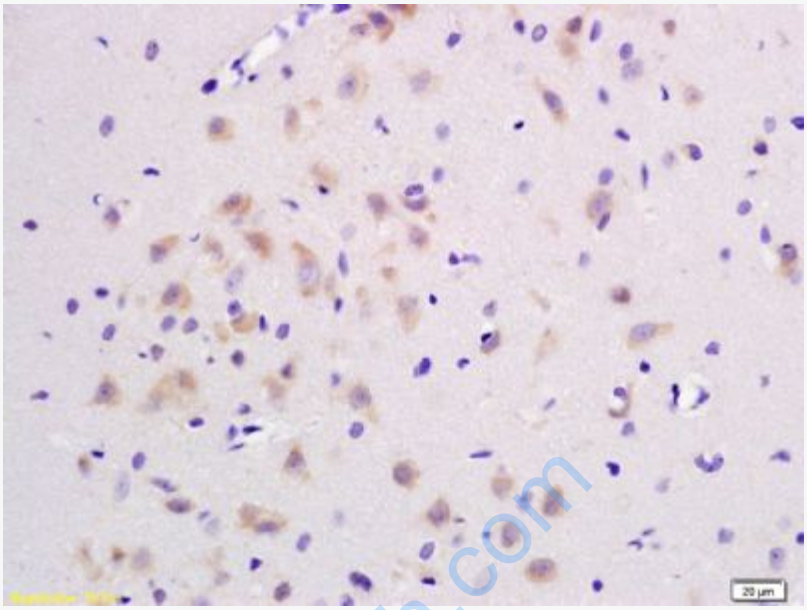
Observed band size:42-52 kD



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); 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+JNK2+JNK3) Polyclonal Antibody, Unconjugated (SL2592R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



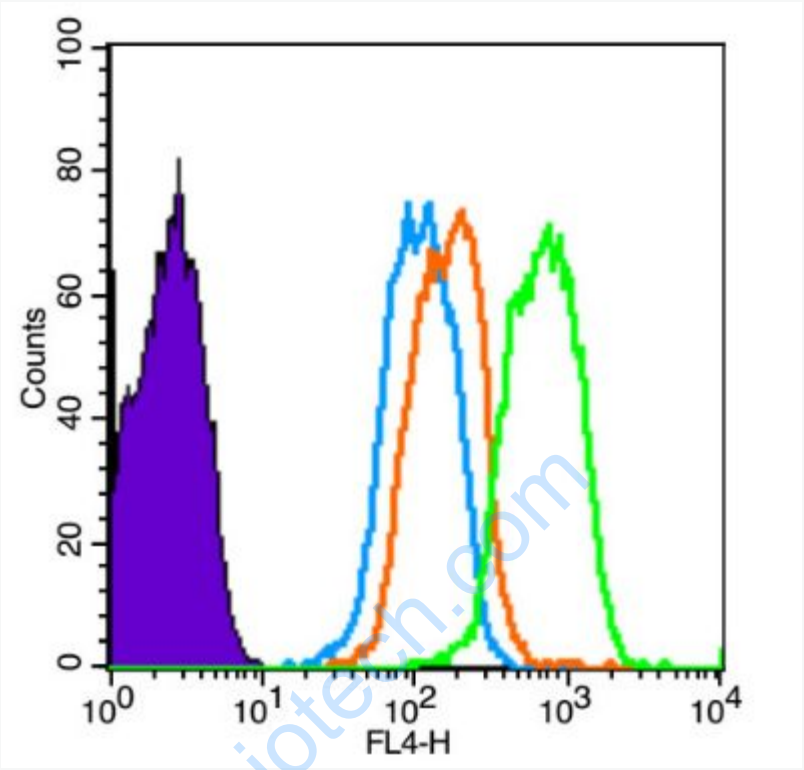
Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (JNK1+JNK2+JNK3) Polyclonal Antibody, Unconjugated (SL2592R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Tissue/cell: rat brain tissue; 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℃ for 20 min;

Incubation: Anti-JNK1/2/3 Polyclonal Antibody, Unconjugated(SL2592R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Blank control (Black line): HUVEC (Black). Primary Antibody (green line): Rabbit Anti-JNK1+JNK2+JNK3 antibody (SL2592R) Dilution: 3µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-AF647 Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at room temperature. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.