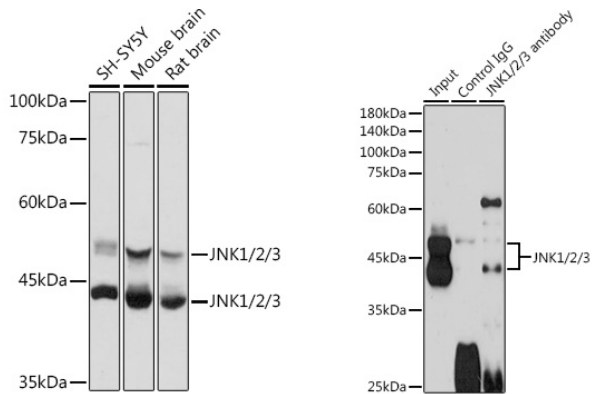
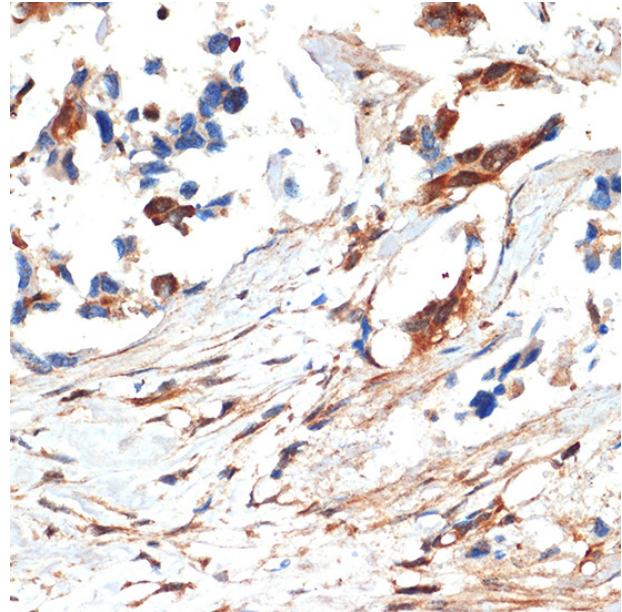

Product name:	JNK Rabbit Polyclonal Antibody
Cat number:	AB-82391
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-370 of human JNK1/2/3.
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200 Immunocytochemistry: 1:50 - 1:200 Immunoprecipitation: 1:500 - 1:1000
Molecular Weight:	46kDa/54kDa
Purification:	Aff. Pur.
Form:	Liquid
Buffer:	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	JNK belongs to MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. JNK is activated by various cell stimuli, and targets specific transcription factors, and thus mediates immediate-early gene expression in response to cell stimuli. The activation of this kinase by tumor-necrosis factor alpha (TNF-alpha) is found to be required for TNF-alpha induced apoptosis. This kinase is also involved in UV radiation induced apoptosis, which is thought to be related to cytochrom c-mediated cell death pathway. Studies of the mouse counterpart of this gene suggested that this kinase play a key role in T cell proliferation, apoptosis and differentiation.JNK is expressed as ten different isoforms due to differential mRNA splicing. The predominant forms are JNK1,JNK2,and JNK3.



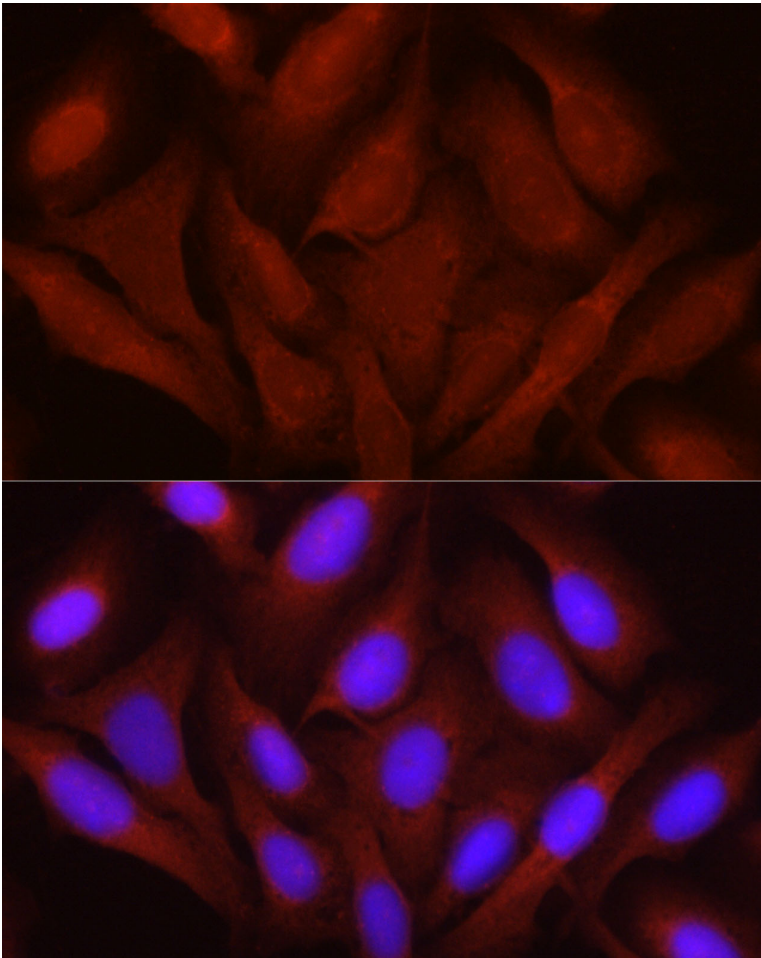
Western blot analysis of extracts of various cell lines, using JNK1/2/3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 5s.

Immunoprecipitation analysis of 600ug extracts of Mouse brain cells using 3ug JNK1/2/3 antibody.

Western blot was performed from the immunoprecipitate using JNK1/2/3 antibody at a dilution of 1:1000.



Immunohistochemistry of paraffinembedded human lung cancer using JNK1/2/3 Rabbit pAb at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of U2OS cells using JNK1/2/3 Rabbit pAb at dilution of 1:100 (40x lens).
Blue: DAPI for nuclear staining.