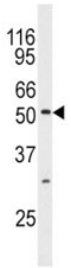
JNK3 Antibody / MAPK10 (F50466)

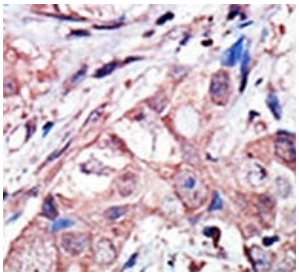
Catalog No.	Formulation	Size
F50466-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50466-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P53779
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
Limitations	This JNK3 antibody is available for research use only.



Western blot analysis of JNK3 antibody and mouse brain tissue lysate.



IHC analysis of FFPE human breast carcinoma tissue stained with the JNK3 antibody

Description

JNK3 is a member of the 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. This protein is a neuronal-specific form of c-Jun N-terminal kinases (JNKs). Through its phosphorylation and nuclear localization, this kinase plays regulatory roles in the signaling pathways during neuronal apoptosis. Beta-arrestin 2, a receptor-regulated MAP kinase scaffold protein, is found to interact with, and stimulate the phosphorylation of this kinase by MAP kinase kinase 4 (MKK4). Cyclin-dependent kinase 5 can phosphorylate and inhibit the activity of this kinase, which may be important in preventing neuronal apoptosis.

Application Notes

Titration of the JNK3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1-30 from the human protein was used as the immunogen for this JNK3 antibody.

Storage

Aliquot the JNK3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.