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## anti-MAPK10 antibody (AA 1-30)

3 Images



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Overview			
Quantity:	0.4 mL		
Target:	MAPK10		
Binding Specificity:	AA 1-30		
Reactivity:	Human, Mouse		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This MAPK10 antibody is un-conjugated		
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)		
Product Details			
Immunogen:	A portion of amino acids 1-30 from the human protein was used as the immunogen for this		
	JNK3 antibody.		
Isotype:	lg Fraction		
Purification:	Purified		
Target Details			
Target:	MAPK10		
Alternative Name:	JNK3 (MAPK10 Products)		
Background:	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		

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). Cyclindependent kinase 5 can phosphorylate and inhibit the activity of this kinase, which may be important in preventing neuronal apoptosis.

UniProt: P53779

Pathways: MAPK Signaling, WNT Signaling, TLR Signaling, Fc-epsilon Receptor Signaling Pathway,

Activation of Innate immune Response, Hepatitis C, Toll-Like Receptors Cascades

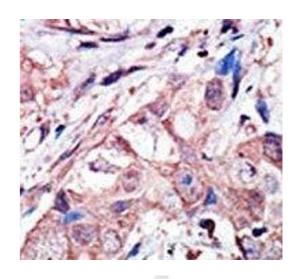
#### **Application Details**

Application Notes: Titration of the JNK3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100

Restrictions: For Research Use only

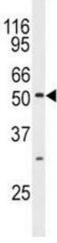
#### Handling

Format:	Liquid	
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Aliquot the JNK3 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.	



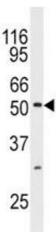
#### **Immunohistochemistry**

**Image 1.** IHC analysis of FFPE human breast carcinoma tissue stained with the JNK3 antibody



#### **Western Blotting**

**Image 2.** Western blot analysis of JNK3 antibody and mouse brain tissue lysate.



### Western Blotting

**Image 3.** Western blot analysis of JNK3 antibody and mouse brain tissue lysate.