

For Research Use Only

JNK Polyclonal antibody

Catalog Number: 28007-1-AP **1 Publications**



Basic Information

Catalog Number: 28007-1-AP	GenBank Accession Number: BC065516	Purification Method: Antigen affinity purification
Size: 350 µg/ml	GeneID (NCBI): 5602	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P53779	
Isotype: IgG	Full Name: mitogen-activated protein kinase 10	
Immunogen Catalog Number: AG27823	Calculated MW: 464 aa, 53 kDa	
	Observed MW: 45-48 kDa, 54-57 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Cited Applications:
WB

Species Specificity:
Human, Mouse, canine

Cited Species:
mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: Neuro-2a cells, MDCK cells, mouse brain tissue, mouse cerebellum tissue

IHC: mouse brain tissue, mouse cerebellum tissue

Background Information

JNK, also named MAPK10 (mitogen-activated protein kinase 10), belongs to MAP kinase family. MAP kinases act as integration points for multiple biochemical signals, and thus are involved in a wide variety of cellular processes, such as proliferation, differentiation, transcription regulation and development. This kinase is mainly expressed in a subset of neurons in the nervous system, and is activated by threonine and tyrosine phosphorylation. JNK has 3 isoforms of 48-53 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Jiansen Miao	38216011	Int J Biol Macromol	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

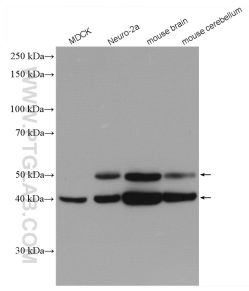
T: 4006900926

E: Proteintech-CN@ptglab.com

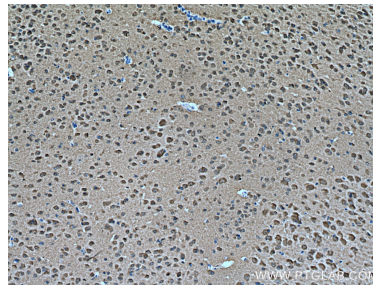
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28007-1-AP (JNK1/2/3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28007-1-AP (JNK1/2/3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).