

For Research Use Only

Phospho-JNK (Tyr185) Recombinant antibody



Catalog Number: 80024-1-RR

142 Publications

Basic Information

Catalog Number:

80024-1-RR

Size:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_139049

GeneID (NCBI):

5599

UNIPROT ID:

P45983

Full Name:

mitogen-activated protein kinase 8

Observed MW:

37-46 kDa

Purification Method:

Protein A purification

CloneNo.:

2G8

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

Human, mouse

Cited Species:

human, rat, mouse, pig

Positive Controls:

WB: HEK-293T cells, Calyculin A treated HEK-293T cells, UV treated HEK-293T cells, UV treated NIH/3T3 cells, Anisomycin treated NIH/3T3 cells

Background Information

MAPK8 (Mitogen-activated protein kinase 8) is also named as JNK1, PRKM8, SAPK1, SAPK1C and belongs to the MAP kinase subfamily. The JNK gene generates 10 forms of JNK through alternative splicing, and the protein encoded by the JNK gene has or does not have a COOH terminal, resulting in 46 kDa and 54 kDa proteins. MAPK8 is activated by dual phosphorylation at a Thr-Pro-Tyr motif during response to UV light. Phosphorylation of these sites in response to UV results in transcriptional activation of c-Jun. In the phosphorylation of JNK, JNK1 and JNK2/3 have molecular weights of 46 and 54 kDa (PMID: 21378396)

Notable Publications

Author	Pubmed ID	Journal	Application
Xin-Sen Chen	36182039	Pharmacol Res	WB
Bingyu Xie	36179941	Mol Cell Endocrinol	WB
Zhaohai Wen	36238295	Front Immunol	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:

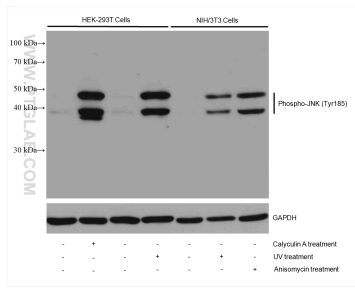
T: 4006900926

E: Proteintech-CN@ptglab.com

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 80024-1-RR (Phospho-JNK (Tyr185) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.