

# JNK123 (Phospho Thr183Thr183Thr221)Rabbit mAb (AR1886)

## Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IF,IP,ELISA
Isotype:	IgG,Kappa
MW:	48kD (Calculated) 46,54kD (Observed)

## Recommended Dilution Ratios

WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

## Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

## Basic Information

Clonality	Monoclonal
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## Immunogen Information

Specificity	Phospho-JNK1/2/3 (T183/T183/T221) Antibody detects endogenous levels of JNK1/2/3 protein only when phosphorylated at T183/T183/T221.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sitesconsistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):MMtPY
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## Target Information

Gene name	MAPK8/9/10
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Protein Name

Mitogen-activated protein kinase 8/9/10

Organism

Gene ID

UniProt ID

Human

5599; 5601; 5602

P45983; P45984;  
P53779

Mouse

26419; 26420

Rat

116554; 50658;  
25272

P49185; P49186;  
P49187

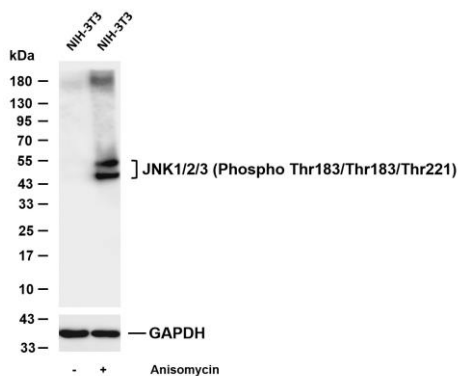
Cellular Localization

Cytoplasm . Nucleus . Cell junction, synapse . In the cortical neurons, predominantly cytoplasmic and associated with the Golgi apparatus and endosomal fraction. Increased neuronal activity increases phosphorylated form at synapses (By similarity). Colocalizes with POU5F1 in the nucleus.

Tissue specificity

Brain, Epithelium, Fetal brain, Lung, Pooled, Testis

## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-JNK1/2/3 (Phospho Thr183/Thr183/Thr221) antibody. The HRP-conjugated Goat antiRabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: NIH-3T3

Lane 2: NIH-3T3 was treated with Anisomycin(25ug/ml) for 30 minutes

Predicted band size: 48kDa

Observed bandsizes: 46,54kDa

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