Phospho-JNK1-T183/Y185 + JNK2-T183/Y185 + JNK3-T221/Y223 Monoclonal Antibody

CABP1337

Description

This Phospho-JNK1-T183/Y185 + JNK2-T183/Y185 + JNK3-T221/Y223 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CABP1337
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	JNK1/2/3, SAPK, Phospho-JNK1-T183/Y185 + JNK2-T183/Y185 + JNK3-T221/Y223
Clone:	ARC55880
Applications:	WB IHC-P ELISA IF-P
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	5599 5601 5602
Uniprot:	-
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	46kDa/54kDa/
Calculated MW:	48kDa/52kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.
Store Bradford Reagent at Room Temperature for 1 Year.

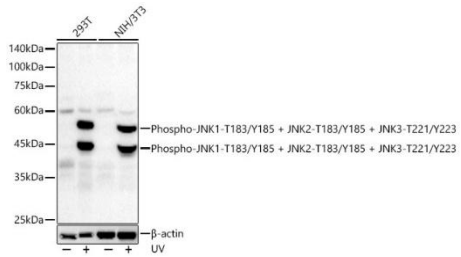
Positive Sample: 293T treated with UV, NIH/3T3 treated with UV, C6 treated with UV

Recommended Dilutions:

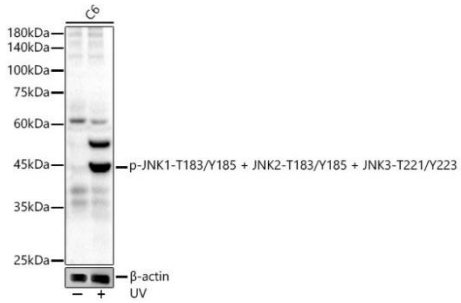
WB	1:1000 - 1:5000
IF-P	1:50 - 1:200
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Validation Data



Western blot analysis of various lysates, using Phospho--/ + -/ + -/ Rabbit mAb (CABP1337) at1:2000 dilution. 293T and NIH/3T3 cells were treated with UV at room temperature for 15-30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



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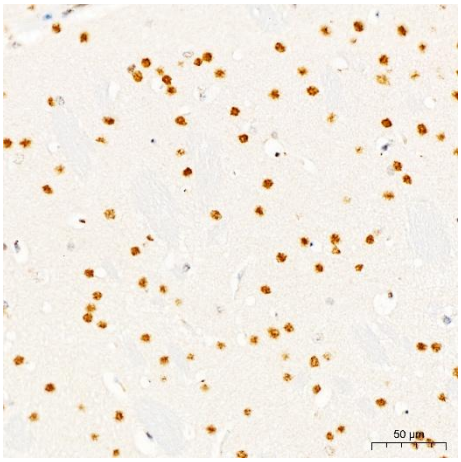
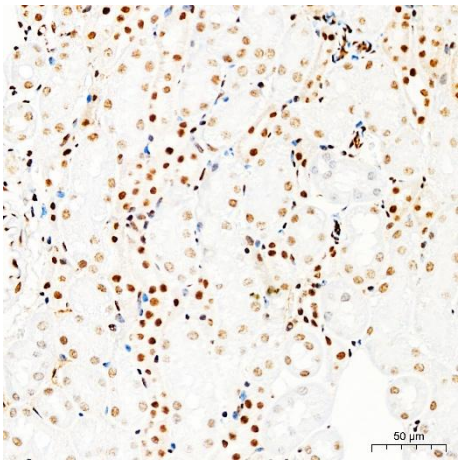
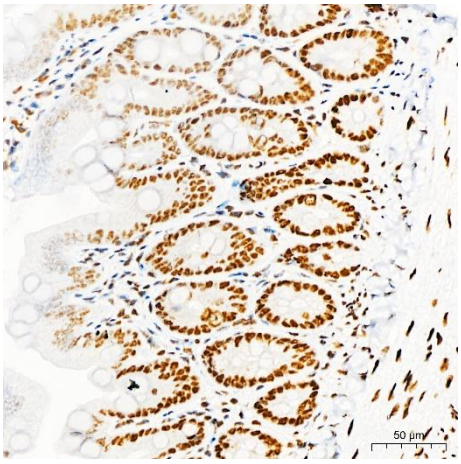


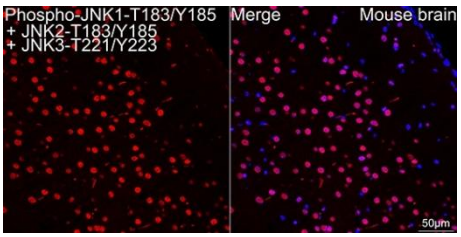
Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using Phospho--/ + -/ + -/ Rabbit mAb (CABP1337) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using Phospho--/ + -/ + -/ Rabbit mAb (CABP1337) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Confocal imaging of paraffin-embedded Mouse brain tissue using Phospho--/ + -/ + -/ Rabbit mAb (CABP1337, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (CABS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



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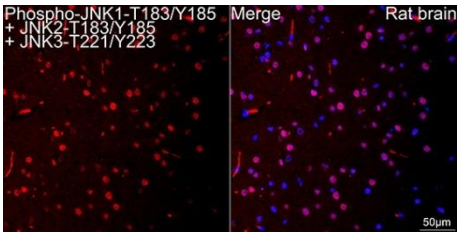

Confocal imaging of paraffin-embedded Rat brain tissue using Phospho--/ + -/ + -/ Rabbit mAb (CABP1337, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (CABS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.