

AbboMax, Inc

Innovation at Work

Rabbit anti-Phospho- JNK/SAPK (pThr183/pTyr185)

Synonym: c-Jun N-terminal Kinase (JNK); Stress Activated Protein Kinase (SAPK); mitogen-activated protein kinase 8/9 (MAPK8, MAPK9)

Order Information

Description: Rabbit anti Phospho-JNK/SAPK (pT183/pY185)
Catalogue#: 600-380
Lot#: See the label
Size: 100 ug/200 ul
Host: Rabbit
Clone: N/A
Application: ELISA, WB, IHC
Reactivity: Hu, Rt, Ms, Ck, Bv Cn.

ANTIGEN PREPARATION

A synthetic peptide surrounding to the epitope -TPY- with dual phosphorylation sites at Thr183 and Tyr185 of human JNK/SAPK .

BACKGROUND

c-Jun N-terminal Kinase (JNK) is a Stress Activated Protein Kinase/Map Kinase (SAPK/MAPK). There are three isoforms, JNK1 (~49 kDa), JNK2 (~55 kDa), and JNK3 (~54 kDa). JNK is dually phosphorylated at Thr 183 and Tyr 185 by protein kinases MKK4 and MKK7. The JNK and p38 pathways function to modulate cell-cycle, apoptotic and transcriptional responses to stress.

PURIFICATION

The Rabbit IgG is purified by site-modified Epitope Affinity Purification.

SPECIFICITY

This antibody recognizes human JNK protein. It also reacts with rat and mouse JNK protein. The other species are not tested.

FORMULATION

This affinity purified antibody is supplied in sterile Tris-buffered saline (pH7.2) containing antibody stabilizer

STORAGE

The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

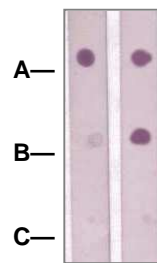
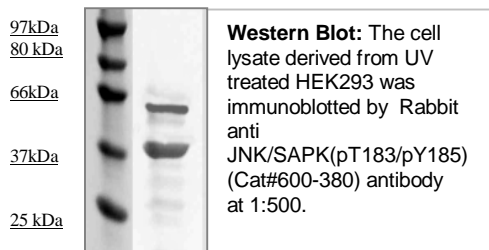
APPLICATIONS/SUGGESTED WORKING DILUTIONS

Western Blot	0.1-1 µg/ml
ELISA	0.01-0.1 µg/ml
Immunoprecipitation	2-5 µg/ml
IHC	1:50 µg/ml
Flow cytometry	Not tested

MOLECULAR WEIGHT:	49, 55 kDa
POSITIVE CONTROL:	UV treated-HEK293
CELLULAR LOCATION:	Cytoplasmic

Optimal dilutions should be determined by researchers for the specific applications.

DATA ATTACHMENTS



Dot Blot:

1 µg peptide was blot onto NC membrane
A: JNK(pT183, pY185)
B: JNK (Non phosphospecific)
C: Non-related Phosphopeptide)
were blotted at a 1:2000 dilution by:
1: Rabbit anti-JNK(pT183/pY185), Cat#600-380;

REFERENCES

Yogev, O., et al. DNA damage-dependent translocation of B23 and p19 ARF is regulated by the Jun N-terminal kinase pathway. Cancer Res. 68 (5), 1398-1406 (2008)

FOR RESEARCH USE ONLY.