



Rabbit anti JNK/SAPK1(pT183/pY185) Polyclonal Antibody

Alternative Name(s): Jun N-terminal kinase; MAPK8

Order Information

- **Description:** JNK/SAPK1(pT183/pY185)
- **Catalogue:** 600-380
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** WB
- **Reactivity:** Hu, Rt

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.

FORMULATION

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

SPECIFICITY

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

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20oC to -70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

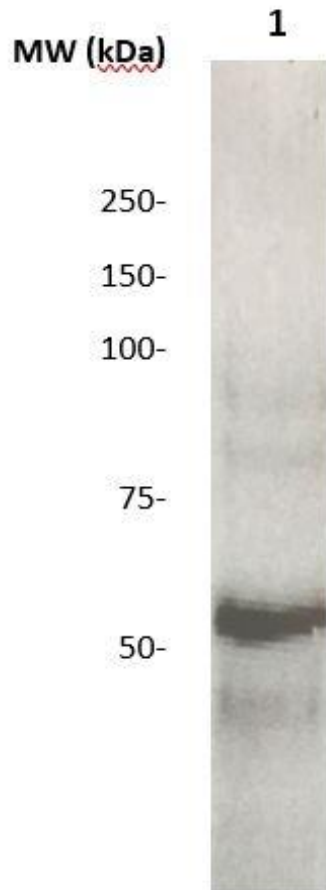
- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 50.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

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

FOR RESEARCH USE ONLY.

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). www.abbomax.com info@abbomax.com

DATA ATTACHMENTS



Western Blot: The cell lysate derived from EGF-stimulated A431 was immunoblotted by Rabbit anti JNK/SAPK(pT183/pY185) (Cat#600-380) antibody at 1:500. Observed a major immunoreactive band at molecular weight ~50kDa.

REFERENCES

FOR RESEARCH USE ONLY.