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JNK3 Rabbit pAb

Catalog No.: A17408

Basic Information

Observed MW
52kDa

Calculated MW
44kDa

Category
Primary antibody

Applications
WB,ELISA

Cross-Reactivity
Human, Mouse, Rat

Background

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as integration points for multiple biochemical signals, and thus are involved in a wide variety of cellular processes, such as proliferation, differentiation, transcription regulation and development. This kinase is specifically expressed in a subset of neurons in the nervous system, and is activated by threonine and tyrosine phosphorylation. Targeted deletion of this gene in mice suggests that it may have a role in stress-induced neuronal apoptosis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. A recent study provided evidence for translational readthrough in this gene, and expression of an additional C-terminally extended isoform via the use of an alternative in-frame translation termination codon.

Recommended Dilutions

WB   1:500 - 1:2000

ELISA   Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID   **Swiss Prot**
5602   P53779

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
JNK3; JNK3A; PRKM10; SAPK1b; p493F12; p54bSAPK

Contact

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Product Information

Source   **Isotype**   **Purification**
Rabbit   IgG   Affinity purification

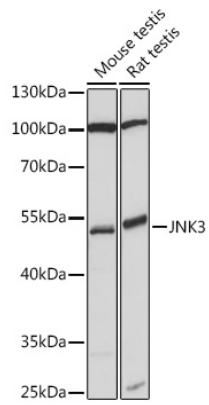**Storage**
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data

Western blot analysis of various lysates using JNK3 Rabbit pAb (A17408) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.