

JNK1+JNK2+JNK3 Polyclonal Antibody

Catalog: BS65605

Host: Rabbit

Reactivity: Human, Mouse, Rat, (predicted: Dog, Pig, Cow,)

BackGround:

JNK1(MAPK8) is a member of the MAP kinase family. JNK1 is activated by threonine and tyrosine phosphorylation by either of two dual specificity kinases, MAP2K4 and MAP2K7.

JNK2 (p54a, SAPK1a), along with JNK1 and JNK3, is thought to play an important role in nuclear signal transduction through its environmental stress activation and subsequent phosphorylation of the nuclear transcription factor p53.

JNK3 is a neuron-specific form of c-Jun N-terminal kinases. Through its phosphorylation and nuclear localization, this kinase plays regulatory roles in the signaling pathways of neuronal apoptosis.

The JNK pathway is critically involved in diabetes and levels are abnormally elevated in obesity.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

42-52 kD

Swiss-Prot:

Q61831

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000 IHC-P=1:100-500

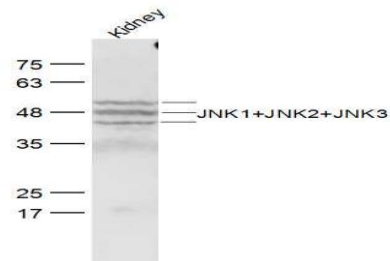
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

JNK1+JNK2+JNK3 Polyclonal Antibody detects endogenous levels of JNK1+JNK2+JNK3 protein.

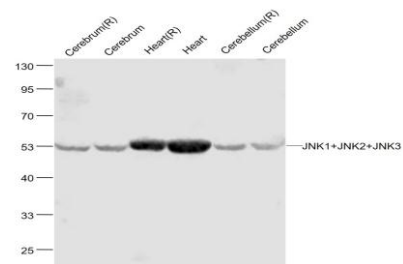
DATA:



Sample:

Kidney (Mouse) Lysate at 40 ug

Primary: Anti-JNK1+JNK2+JNK3 at 1/300 dilution



Sample:

Cerebrum(Rat) Lysate at 40 ug

Cerebrum(Mouse) Lysate at 40 ug

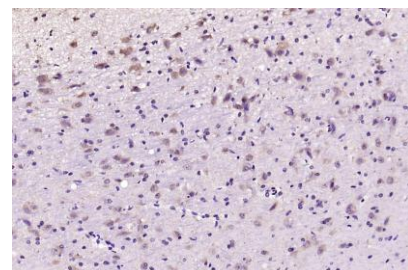
Heart(Rat) Lysate at 40 ug

Heart(Mouse) Lysate at 40 ug

Cerebellum(Rat) Lysate at 40 ug

Cerebellum(Mouse) Lysate at 40 ug

Primary: Anti-JNK1+JNK2+JNK3 at 1/1000 dilution



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with

Bioworld Technology, Inc.

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PRODUCT DATA SHEET

Bioworld Technology, Inc.

(JNK1+JNK2+JNK3) Polyclonal Antibody, Unconjugated at 1:200
overnight at 4 °C,

Note:

For research use only, not for use in diagnostic procedure.

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