

Phospho-mouse JUN(T289) Antibody
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP3783b

Specification

Phospho-mouse JUN(T289) Antibody - Product Information

Application	DB,E
Primary Accession	P05627
Other Accession	P17325 , P56432 , P05412 , P18870 , O77627 , NP_002219.1
Reactivity Predicted	Mouse Bovine, Chicken, Human, Pig, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	35944

Phospho-mouse JUN(T289) Antibody - Additional Information

Gene ID 16476

Other Names

Transcription factor AP-1, AH119, Activator protein 1, AP1, Proto-oncogene c-Jun, V-jun avian sarcoma virus 17 oncogene homolog, Jun A, Jun

Target/Specificity

This mouse JUN Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T289 of mouse JUN.

Dilution

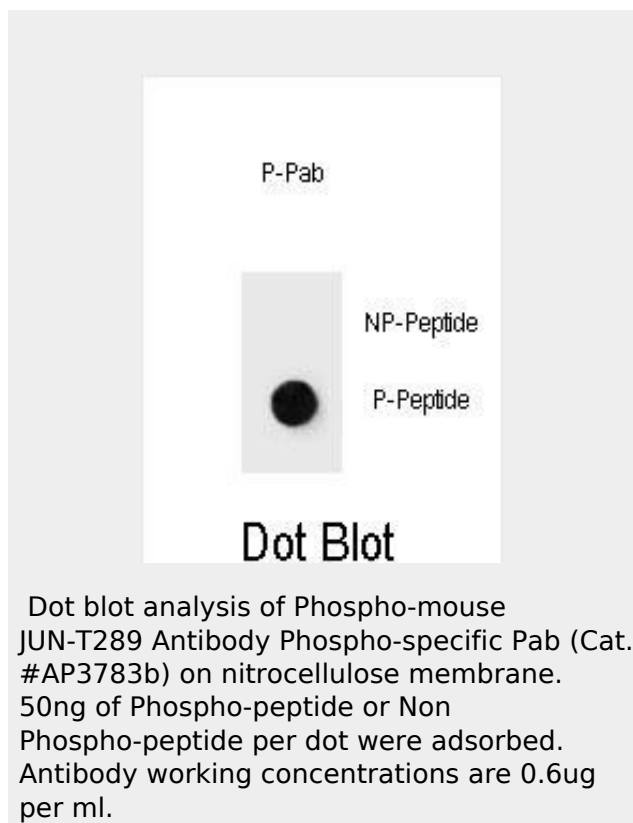
DB~~1:500

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2



Phospho-mouse JUN(T289) Antibody - Background

This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. This gene is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies.

Phospho-mouse JUN(T289) Antibody - References

Gonsalves, C., et al. J. Immunol. 185(10):6253-6264(2010)

weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Phospho-mouse JUN(T289) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Bozec, A., et al. J. Cell Biol. 190(6):1093-1106(2010)
Machida, K., et al. Hepatology 52(2):480-492(2010)
Madi, A., et al. BMC Microbiol. 10, 215 (2010) :
Johnatty, S.E., et al. PLoS Genet. 6 (7), E1001016 (2010) :

Phospho-mouse JUN(T289) Antibody - Protein Information

Name Jun

Function

Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3' (PubMed:14707112). Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation (PubMed:17210646). Involved in activated KRAS-mediated transcriptional activation of USP28 (By similarity). Binds to the USP28 promoter (By similarity).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:P05412}.

Phospho-mouse JUN(T289) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)