10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Phospho-FOS(T232) Antibody

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP3314a

Product Information

Application	DB, E
Primary Accession	P01100
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB11180

Additional Information

Other Names	Proto-oncogene c-Fos, Cellular oncogene fos, G0/G1 switch regulatory protein 7, FOS, G0S7
Target/Specificity	This FOS Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T232 of human FOS.
Dilution	DB~~1:500 E~~Use at an assay dependent concentration.
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 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Phospho-FOS(T232) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

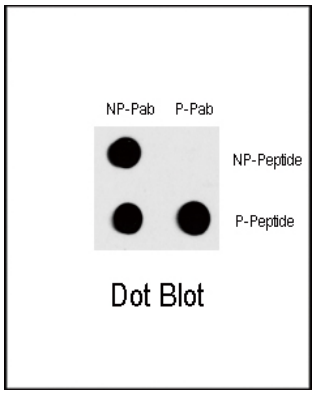
Background

The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the FOS gene has also been associated with apoptotic cell death.

References

Gensch, E., et al., J. Biol. Chem. 279(37):39085-39093 (2004).
Myllykangas, S., et al., Genes Chromosomes Cancer 40(4):334-341 (2004).
Wu, M.Y., et al., World J. Gastroenterol. 10(4):476-480 (2004).
Monje, P., et al., Mol. Cell. Biol. 23(19):7030-7043 (2003).
Lavezzi, A.M., et al., Pathol. Int. 53(11):769-774 (2003).

Images



Dot blot analysis of Phospho-FOS-T232 polyclonal antibody (Cat# AP3314a) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentration was 0.5ug per ml. P-Pab: phospho-antibody; P-Peptide: phospho-peptide; NP-Peptide: non-phospho-peptide.