

**Anti-c-FOS (pS32) Antibody**  
**Rabbit polyclonal antibody to c-FOS (pS32)**  
**Catalog # AP60700**

**Specification**

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**Anti-c-FOS (pS32) Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P01100</a>
Other Accession	<a href="#">P01101</a>
Reactivity	Human, Mouse, Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40695

**Anti-c-FOS (pS32) Antibody - Additional Information**

**Gene ID** 2353

**Other Names**

G0S7; Proto-oncogene c-Fos; Cellular oncogene fos; G0/G1 switch regulatory protein 7

**Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human c-FOS. The exact sequence is proprietary.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-c-FOS (pS32) Antibody - Protein Information**

**Name** FOS

**Synonyms** G0S7

**Function**

Nuclear phosphoprotein which forms a tight but non-covalently linked complex with the JUN/AP-1 transcription factor. In the heterodimer, FOS and JUN/AP-1 basic regions each seems to interact with symmetrical DNA half sites. On TGF-beta activation, forms a multimeric SMAD3/SMAD4/JUN/FOS complex at the AP1/SMAD-binding site to regulate TGF-beta-mediated signaling. Has a critical function in regulating the development of cells destined to form and maintain the skeleton. It is thought to have an important role in signal transduction, cell

proliferation and differentiation. In growing cells, activates phospholipid synthesis, possibly by activating CDS1 and PI4K2A. This activity requires Tyr-dephosphorylation and association with the endoplasmic reticulum.

#### **Cellular Location**

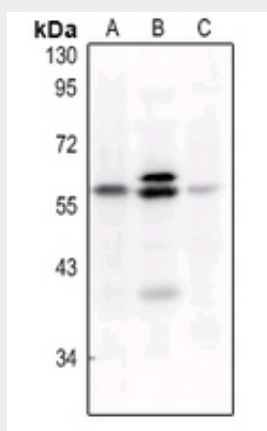
Nucleus. Endoplasmic reticulum. Cytoplasm, cytosol. Note=In quiescent cells, present in very small amounts in the cytosol. Following induction of cell growth, first localizes to the endoplasmic reticulum and only later to the nucleus. Localization at the endoplasmic reticulum requires dephosphorylation at Tyr-10 and Tyr-30

#### **Anti-c-FOS (pS32) 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](#)

#### **Anti-c-FOS (pS32) Antibody - Images**



Western blot analysis of c-FOS (pS32) expression in Hela (A), A375 (B), mouse embryo (C) whole cell lysates.

#### **Anti-c-FOS (pS32) Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human c-FOS. The exact sequence is proprietary.