

## Product datasheet for **TA392945S**

### **c Fos (FOS) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000 IHC: 1:50~1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic phosphopeptide derived from human c-Fos around the phosphorylation site of Serine 362.
Specificity:	p-c-Fos (S362) polyclonal antibody detects endogenous levels of c-Fos protein only when phosphorylated at Ser362
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 62 kDa
Gene Name:	Fos proto-oncogene, AP-1 transcription factor subunit
Database Link:	<a href="#">Entrez Gene 2353 Human P01100</a>



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**Background:**

The c-Fos oncogene was initially detected in two independent murine osteosarcoma virus isolates and an avian nephroblastoma virus. The cellular homolog, c-Fos, encodes a nuclear phospho-protein that is rapidly and transiently induced by a variety of agents and functions as a transcriptional regulator for several genes. In contrast to c-Jun proteins, which form homo- and heterodimers which bind to specific DNA response elements, c-Fos proteins are only active as heterodimers with members of the Jun gene family. Functional homologs of c-Fos include the Fra-1, Fra-2 and Fos B genes. In addition, selected ATF/CREB family members can form leucine zipper dimers with Fos and Jun. Different dimers exhibit differential specificity and affinity for AP-1 and CRE sites.

**Synonyms:**

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

**Note:**

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