

Product datasheet for **TA354319**

c Fos (FOS) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to N-term of c-Fos protein. This sequence is identical in human, mouse, rat and bovine.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	~55 kDa
Gene Name:	Fos proto-oncogene, AP-1 transcription factor subunit
Database Link:	NP_005243 Entrez Gene 14281 Mouse Entrez Gene 314322 Rat Entrez Gene 2353 Human P01100
Background:	The c-Fos proto-oncogene, an 55 kDa nuclear phosphor-protein, belongs to a family of transcription factors. It plays important roles in cell proliferation and differentiation. c-Fos is associated with the c-Jun protein, forming a stable c-Fos/c-Jun heterodimeric complex, this complex binds to the DNA promoter region which regulate transcription. Expression of the c-Fos gene is low in most normal adult tissues. However, high levels of expression have been detected in normal skin.
Synonyms:	AP-1; C-FOS; p55
Protein Families:	Druggable Genome, Transcription Factors



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Protein Pathways: B cell receptor signaling pathway, Colorectal cancer, MAPK signaling pathway, Pathways in cancer, T cell receptor signaling pathway, Toll-like receptor signaling pathway

Product images:



WB: Cell lysate from A431 (Lane 1) was resolved onto 10% SDSPAGE and transferred onto NC Membrane, then probed by Anti-cFos antibody, at 1:500. An immune-reactive band around 55-kDa is observed. The band is abolished by preincubating with immunizing peptide (Lane 2)



IHC: Human Skin stained with Anti-c-Fos antibody at 1:100 for 10 min at RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.