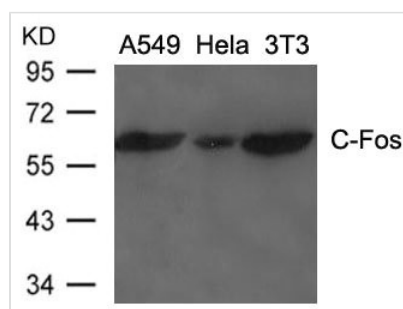




FOS Antibody

Product Code	CSB-PA042478
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P01100
Immunogen	Peptide sequence around aa.28~32(S-Y-Y-H-S) derived from Human C-Fos.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total C-Fos protein.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	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. Okazaki K., Sagata N.EMBO J. 14:5048-5059(1995) Zhang Y., Feng X.H., Derynck R.Nature 394:909-913(1998) Bossis G., Malnou C.E., Farras R. Mol. Cell. Biol. 25:6964-6979(2005)
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	p55; AP-1;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	FOS

Image



Western blot analysis of extracts from A549, HeLa and 3T3 cells using C-Fos Antibody.

