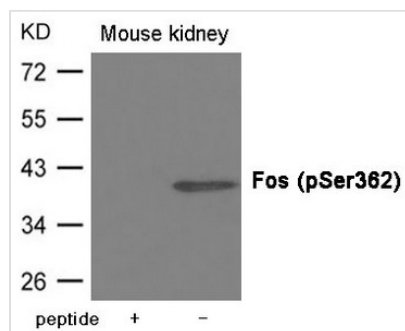




Phospho-FOS (Ser362) Antibody

Product Code	CSB-PA581848
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P01100
Immunogen	Peptide sequence around phosphorylation site of serine 362(K-G-S(p)-S-S) derived from Human Fos.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of Fos only when phosphorylated at Serine 362.
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. In growing cells, activates phospholipid synthesis, possibly by activating CDS1 and PI4K2A. This activity requires Tyr-dephosphorylation and association with the endoplasmic reticulum.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	p55, AP-1, C-FOS
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	FOS
Image	



Western blot analysis of extracts from Mouse kidney tissue using Fos (Phospho-Ser362) Antibody. The lane on the left is treated with the antigen-specific peptide.

Product Modify

Phospho-Ser362