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Product datasheet for TA312211

c Fos (FOS) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500~1:3000, IHC: 1:50~1:100, ELISA: 1: 20000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human FOS around the phosphorylation site of threonine 232 (V-A-TP-P-E).
Formulation:	Phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	Fos proto-oncogene, AP-1 transcription factor subunit
Database Link:	NP_005243 Entrez Gene 14281 MouseEntrez Gene 314322 RatEntrez Gene 2353 Human P01100
Synonyms:	AP-1; C-FOS; p55
Note:	FOS (Phospho-Thr232) antibody detects endogenous levels of FOS only when phosphorylated at threonine 232.
Protein Families:	Druggable Genome, Transcription Factors

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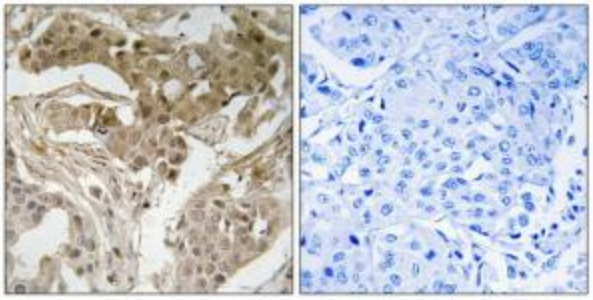
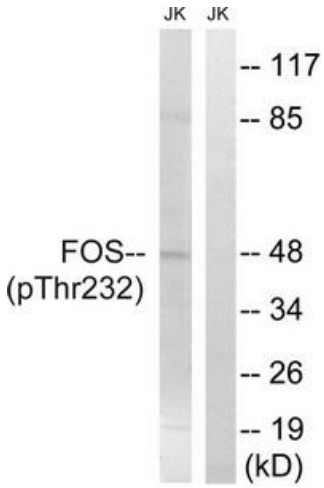
Protein Pathways: B cell receptor signaling pathway, Colorectal cancer, MAPK signaling pathway, Pathways in cancer, T cell receptor signaling pathway, Toll-like receptor signaling pathway

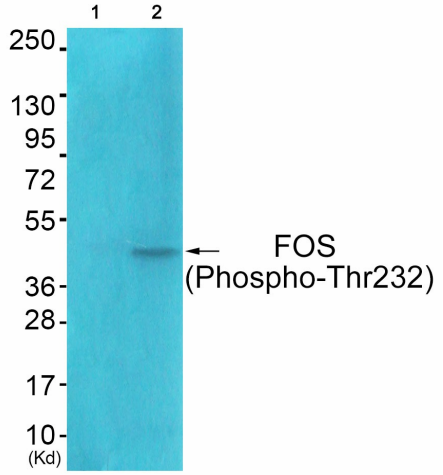
Product images:



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using FOS (Phospho-Thr232) antibody.The picture on the right is treated with the synthesized peptide.



Western blot analysis of extracts from Jurkat cells, treated with EGF (200ng/ml, 5mins), using FOS (Phospho-Thr232) antibody.The lane on the right is treated with the synthesized peptide.



Western blot analysis of extracts from COS7 cells (Lane 2), using FOS (Phospho-Thr232) Antibody. The lane on the left is treated with synthesized peptide.