JunB(Phospho-Ser259) Antibody

Catalog No: #11027

Package Size: #11027-1 50ul #11027-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	JunB(Phospho-Ser259) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	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 chromatogramphy using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of JunB only when phosphorylated at serine 259.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 259 (P-V-S(p)-P-I) derived from Human JunB.
Conjugates	Unconjugated
Target Name	JunB
Modification	Phospho
Other Names	AP-1
Accession No.	Swiss-Prot: P17275NCBI Protein: NP_002220.1
Concentration	1.0mg/ml
Formulation	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.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

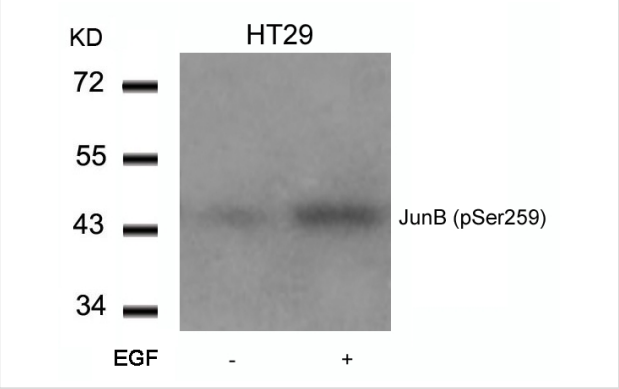
Application Details

Predicted MW: 43kd

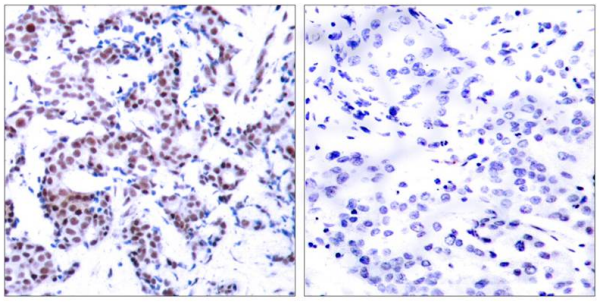
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HT29 cells untreated or treated with EGF using JunB(Phospho-Ser259) Antibody #11027.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using JunB(Phospho-Ser259) Antibody #11027(left) or the same antibody preincubated with blocking peptide(right).

Background

Transcription factor involved in regulating gene activity following the primary growth factor response. Binds to the DNA sequence 5'-TGA[CG]TCA-3'. Beausoleil S A, et al. (2004) Proc Natl Acad Sci U S A. 101(33): 12130-12135.

Published Papers

el at., AP-1 regulates cyclin D1 and c-MYC transcription in an AKT-dependent manner in response to mTOR inhibition: role of AIP4/Itch-mediated JUNB degradation. In Mol Cancer Res on 2011 Jan by Raffi Vartanian, Janine Masri, et al..PMID:21135252, , (2011)

PMID:21135252

Note: This product is for in vitro research use only and is not intended for use in humans or animals.