Product Datasheet

JunB(Phospho-Ser79) Antibody

Catalog No: #11026

Package Size: #11026-1 50ul #11026-2 100ul

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

Description

Product Name	JunB(Phospho-Ser79) 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	IHC IF
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of JunB only when phosphorylated at serine 79.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 79 (G-A-S(p)-L-K) 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.

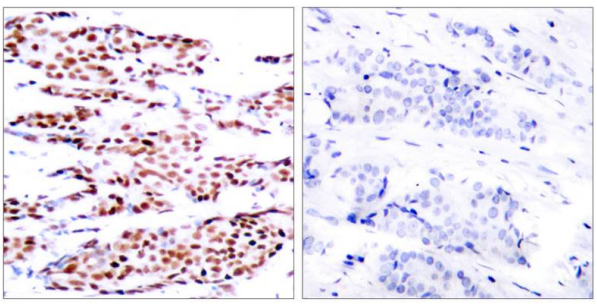
Application Details

Predicted MW: 43kd

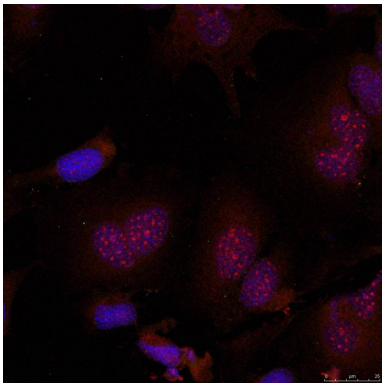
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using JunB(Phospho-Ser79) Antibody #11026(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using JunB(Phospho-Ser79) Antibody #11026.

Background

Transcription factor involved in regulating gene activity following the primary growth factor response. Binds to the DNA sequence 5'-TGA[CG]TCA-3'. Narayanan K, et al. (2004) J Biol Chem. 279(43): 44294-442302.

Published Papers

Raffi Vartanian, Janine Masri, Jheralyn Martin 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., American Association for Cancer Research., 9(1):115-130(2010)
PMID:21135252

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