

Datasheet for ABIN389545
anti-C-JUN antibody (pSer63)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	C-JUN (JUN)
Binding Specificity:	pSer63
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C-JUN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Dot Blot (DB)

Product Details

Immunogen:	This cJun Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S63 of human cJun.
Clone:	RB5193
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	C-JUN (JUN)
Alternative Name:	cJun (JUN Products)

Target Details

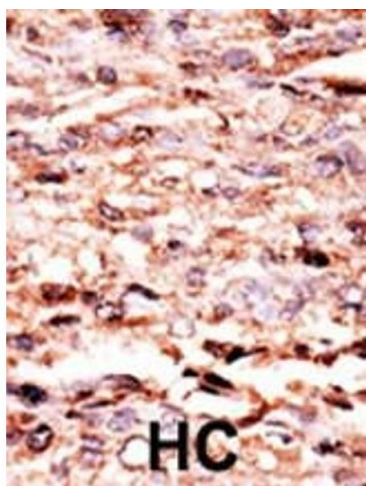
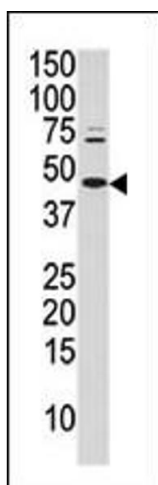
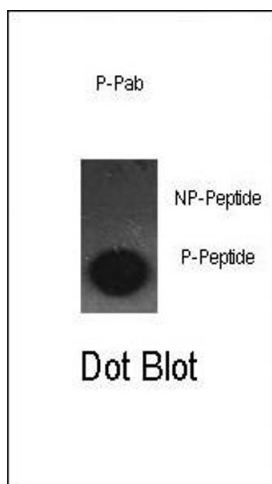
Background:	The gene for cJun is the putative transforming gene of avian sarcoma virus 17. The cJun protein is a transcription factor highly similar to the viral protein, and interacts directly with specific target DNA sequences to regulate gene expression. The gene maps to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies.
Molecular Weight:	35676
Gene ID:	3725
NCBI Accession:	NP_002219
UniProt:	P05412
Pathways:	MAPK Signaling , RTK Signaling , WNT Signaling , Fc-epsilon Receptor Signaling Pathway , Activation of Innate immune Response , Myometrial Relaxation and Contraction , Skeletal Muscle Fiber Development , Protein targeting to Nucleus , Toll-Like Receptors Cascades , Autophagy , Signaling of Hepatocyte Growth Factor Receptor , BCR Signaling , S100 Proteins

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. DB: 1:500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Dot Blot

Image 1. Dot blot analysis of anti-Phospho-cJun-S63 Antibody (ABIN389545 and ABIN2839590) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 µg per ml.

Western Blotting

Image 2. Western blot analysis of anti-Phospho-cJun-pS63 Pab (ABIN389545 and ABIN2839590) in mouse brain tissue lysate (35 µg/lane). Mouse Phospho-cJun-pS63 (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.