Datasheet for ABIN7138596

anti-p63 antibody (pSer395)

1 Image

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Overview

Quantity:	100 µL
Target:	p63 (TP63)
Binding Specificity:	pSer395
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This p63 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of serine 395 (R-R-S(p)-P-D) derived from Human p63.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
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 usi

Target Details

Target:	p63 (TP63)
Alternative Name:	TP63 (TP63 Products)

Target Details

Background:	Background: Acts as a sequence specific DNA binding transcriptional activator or repressor. The isoforms contain a varying set of transactivation and auto-regulating transactivation inhibiting domains thus showing an isoform specific activity. Isoform 2 activates RIPK4 transcription. May be required in conjunction with TP73/p73 for initiation of p53/TP53 dependent apoptosis in response to genotoxic insults and the presence of activated oncogenes. Involved in Notch signaling by probably inducing JAG1 and JAG2. Plays a role in the regulation of epithelial morphogenesis. The ratio of DeltaN-type and TA*-type isoforms may govern the maintenance of epithelial stem cell compartments and regulate the initiation of epithelial stratification from the undifferentiated embryonal ectoderm. Required for limb formation from the apical ectodermal ridge. Activates transcription of the p21 promoter. Aliases: AIS antibody, Amplified in squamous cell carcinoma antibody, B(p51A) antibody, B(p51B) antibody, Chronic ulcerative stomatitis protein antibody, CUSP antibody, DN p63 alpha 1 antibody, DNp63 antibody, EEC3 antibody, id:ibd3516 antibody, Keratinocyte transcription factor antibody, Keratinocyte transcription factor KET antibody, KET antibody, LMS antibody, MGC115972 antibody, MGC192897 antibody, NBP antibody, OFC8 antibody, OTTHUMP00000209732 antibody, OTTHUMP00000209733 antibody, OTTHUMP00000209734 antibody, OTTHUMP00000209735 antibody, OTTHUMP00000209737 antibody, OTTHUMP00000209738 antibody, OTTHUMP00000209739 antibody, OTTHUMP00000209740 antibody, OTTHUMP00000209741 antibody, OTTHUMP00000209742 antibody, OTTHUMP00000209743 antibody, OTTHUMP00000209744 antibody, p40 antibody, p51 antibody, P51/P63 antibody, p53-related protein p63 antibody, p53CP antibody, p63 antibody, P63_HUMAN antibody, p73H antibody, p73L antibody, RHS antibody, SHFM4 antibody, TAp63alpha antibody, TP53CP antibody, TP53L antibody, TP63 antibody, TP73L antibody, Transformation related protein 63 antibody, Transformation-related protein 63 antibody, Trp53rp1 antibody, Trp63 antibody, Tumor protein 63 antibody, Tumor protein p53-competing protein antibody, Tumor protein p53-like antibody, Tumor protein p63 antibody, Tumor protein p63 deltaN isoform delta antibody, Tumor protein p73 antibody, Tumor protein p73-like antibody
UniProt:	Q9H3D4

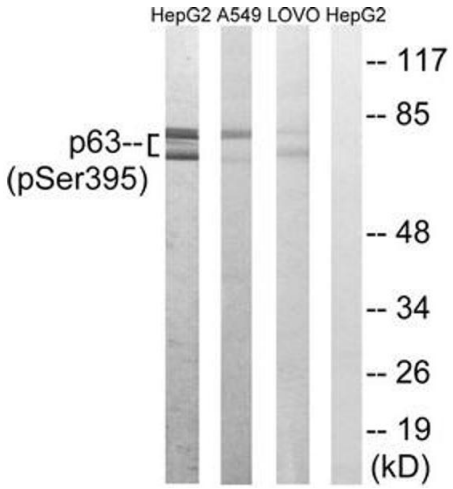
Application Details

Application Notes:	WB:1:500-1:3000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells, A549 cells and LOVO cells all treated with nocodazole (1 µg/mL, 18hours), using p63 (Phospho-Ser395) antibody. The lane on the right is treated with the synthesized peptide.