

## p63 (Phospho-Ser395) Antibody

Catalog No: #12149

Package Size: #12149-1 50ul #12149-2 100ul

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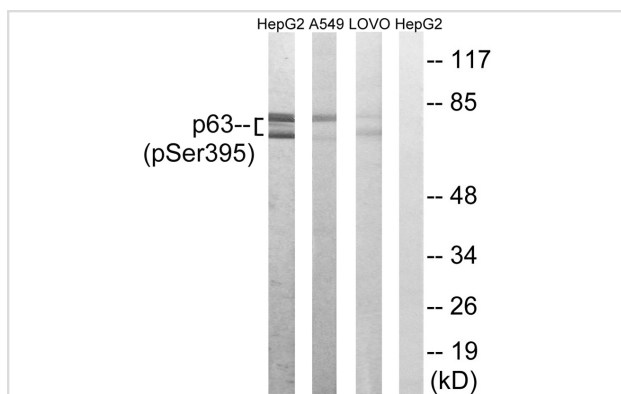
## Description

Product Name	p63 (Phospho-Ser395) 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 chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of p63 only when phosphorylated at serine 395.
Immunogen Type	peptide
Immunogen Description	Peptide sequence around phosphorylation site of serine 395 (R-R-S(p)-P-D) derived from Human p63.
Target Name	p63
Modification	Phospho
Other Names	EEC3; KET; LMS; p51; p73H; p73L; SHFM4; TA p63 alpha; TP63; tumor protein p63
Accession No.	Swiss-Prot#:Q9H3D4;NCBI Gene#:8626
Uniprot	Q9H3D4
GeneID	8626;
SDS-PAGE MW	77kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from HepG2 cells, A549 cells and LOVO cells all treated with nocodazole (1ug/ml, 18hours), using p63 (Phospho-Ser395) antibody #12149. The lane on the right is treated with the synthesized peptide.

## Background

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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.

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Note: This product is for in vitro research use only