

# Phospho-TP63 (Ser395) Antibody



PACO24211

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## Product Information

**Size:**

100ul

**Reactivity:**

Human, Mouse, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:3000

**Protein 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.

**Gene ID:**

TP63

**Uniprot**

Q9H3D4

**Synonyms:**

EEC3; KET; LMS; p51; p73H; p73L; SHFM4; TA p63 alpha; TP63; tumor protein p63

**Immunogen:**

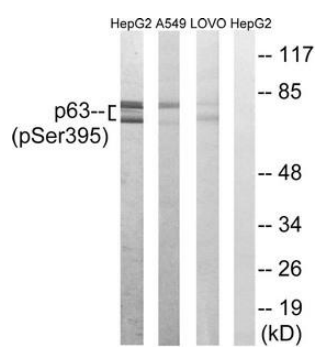
Peptide sequence around phosphorylation site of serine 395 (R-R-S(p)-P-D) derived from Human p63.

**Storage:**

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.

## Product Images

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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. The lane on the right is treated with the synthesized peptide.