

RACO0139

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Human

**Isotype:**

Rabbit IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

WB:1:500-1:5000, IHC:1:50-1:200

**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:**

Tumor protein 63, p63, Chronic ulcerative stomatitis protein, CUSP, Keratinocyte transcription factor KET, Transformation-related protein 63, TP63, Tumor protein p73-like, p73L, p40, p51, TP63, KET, P63, P73H, P73L, TP73L

**Immunogen:**

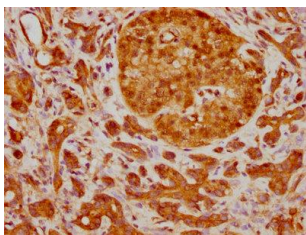
A synthesized peptide derived from human TP63.

**Storage:**

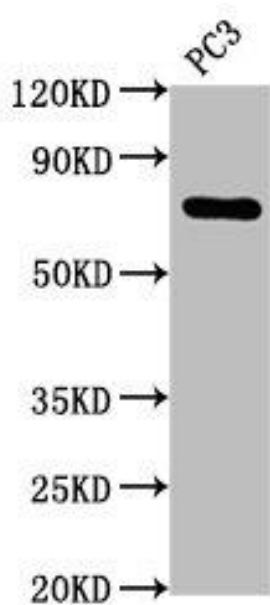
Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Product Images

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IHC image of RACO0139 diluted at 1:210 and staining in paraffin-embedded human pancreatic cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



### Western Blot

Positive WB detected in( PC3 whole cell lysate) All lanes: TP63 antibody at 2(1µg/ml)

Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 66, 63, 52, 56, 45, 58, 47, 68, 57, 77 KDa

Observed band size: 77 KDa