

# p73 Rabbit mAb

**Catalog # AP75859** 

# **Specification**

# p73 Rabbit mAb - Product Information

Application WB, IP
Primary Accession O15350
Reactivity Human
Host Rabbit
Clonality Monoclonal Antibody

Calculated MW 69623

## p73 Rabbit mAb - Additional Information

**Gene ID 7161** 

**Other Names** 

TP73

**Dilution** 

WB~~1/500-1/1000

 $IP \sim \sim N/A$ 

#### **Format**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

#### Storage

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

### p73 Rabbit mAb - Protein Information

Name TP73

Synonyms P73

## **Function**

Participates in the apoptotic response to DNA damage. Isoforms containing the transactivation domain are pro-apoptotic, isoforms lacking the domain are anti-apoptotic and block the function of p53 and transactivating p73 isoforms. May be a tumor suppressor protein. Is an activator of FOXJ1 expression (By similarity). It is an essential factor for the positive regulation of lung ciliated cell differentiation (PubMed:<a href="http://www.uniprot.org/citations/34077761" target="blank">34077761</a>).

#### **Cellular Location**

Nucleus. Cytoplasm. Note=Accumulates in the nucleus in response to DNA damage

### **Tissue Location**

Expressed in striatal neurons of patients with Huntington disease (at protein level). Brain, kidney,





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placenta, colon, heart, liver, spleen, skeletal muscle, prostate, thymus and pancreas Highly expressed in fetal tissue. Expressed in the respiratory epithelium (PubMed:34077761).

# p73 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# p73 Rabbit mAb - Images

