

**p73 Polyclonal Antibody**  
Catalog # AP71744**Specification**

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**p73 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O15350</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

**p73 Polyclonal Antibody - Additional Information****Gene ID** 7161**Other Names**

TP73; P73; Tumor protein p73; p53-like transcription factor; p53-related protein

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**p73 Polyclonal Antibody - 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**

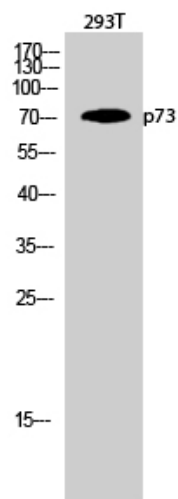
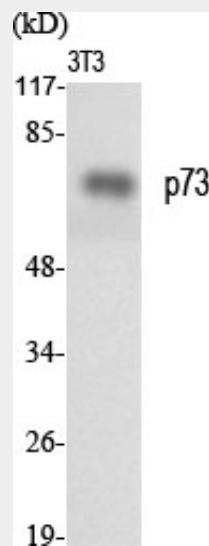
Expressed in striatal neurons of patients with Huntington disease (at protein level). Brain, kidney, placenta, colon, heart, liver, spleen, skeletal muscle, prostate, thymus and pancreas Highly expressed in fetal tissue. Expressed in the respiratory epithelium (PubMed:34077761).

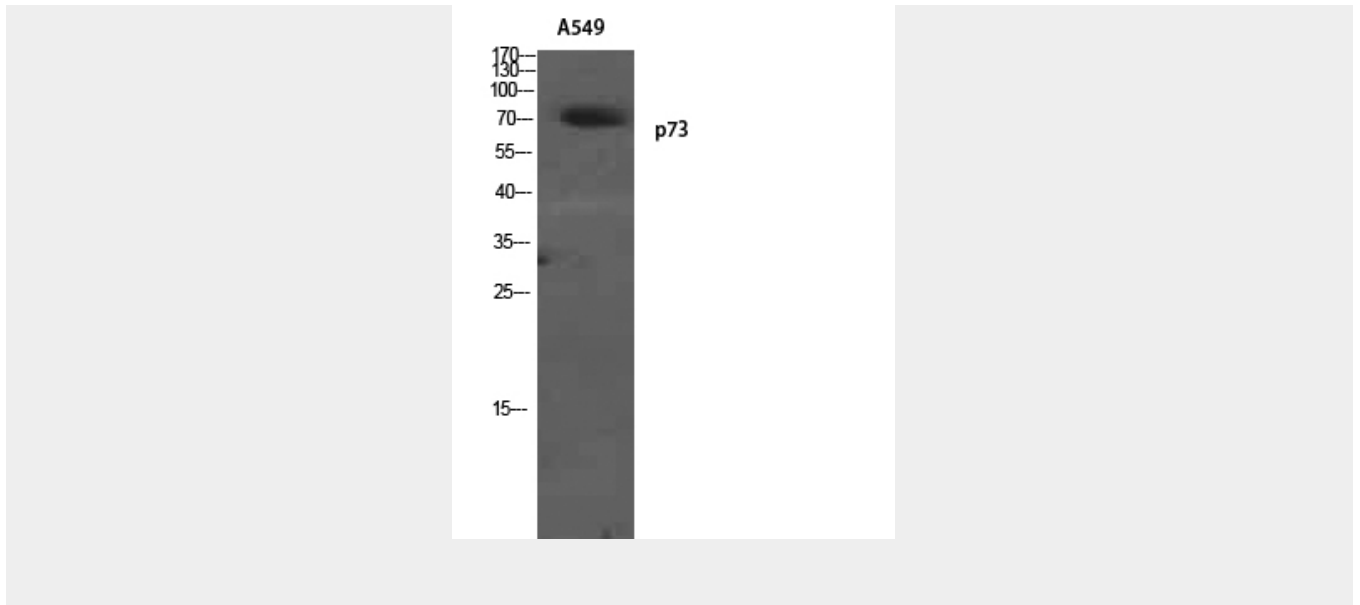
## p73 Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## p73 Polyclonal Antibody - Images





### **p73 Polyclonal Antibody - Background**

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.