

Anti-p73 Antibody
Rabbit polyclonal antibody to p73
Catalog # AP61296**Specification**

Anti-p73 Antibody - Product Information

Application	WB, IH
Primary Accession	O15350
Other Accession	Q9JJP2
Reactivity	Human, Mouse, Rat, Monkey, Chicken, Drosophila
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69623

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

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

Target/Specificity

Recognizes endogenous levels of p73 protein.

Dilution

WB~~WB (1/500 - 1/1000), IH (1/50 - 1/200)

IH~~WB (1/500 - 1/1000), IH (1/50 - 1/200)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-p73 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:

target="_blank">34077761).

Cellular Location

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

Tissue Location

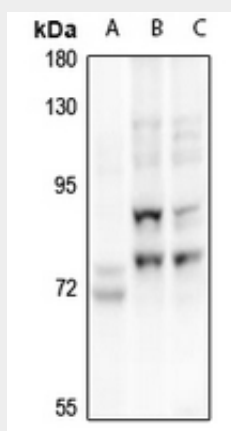
Expressed in striatal neurons of patients with Huntington disease (at protein level). Brain, kidney, placenta, colon, heart, liver, spleen, skeletal muscle, prostate, thymus and pancreas Highly expressed in fetal tissue. Expressed in the respiratory epithelium (PubMed:34077761).

Anti-p73 Antibody - Protocols

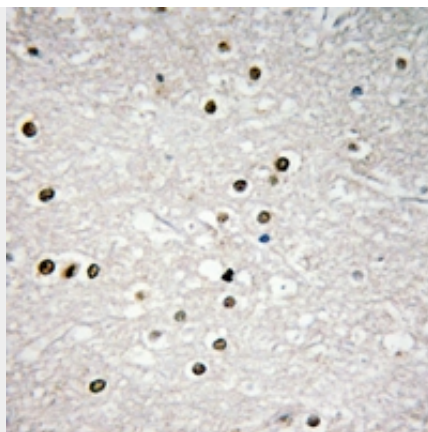
Provided below are standard protocols that you may find useful for product applications.

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

Anti-p73 Antibody - Images



Western blot analysis of p73 expression in rat kidney (A), HCT116 (B), HepG2 (C) whole cell lysates.



Immunohistochemical analysis of p73 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-p73 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human p73. The exact sequence is proprietary.