

Rabbit Anti-Tp73 protein Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52324**Specification**

Rabbit Anti-Tp73 protein Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	O9JJP2
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Rabbit Anti-Tp73 protein Polyclonal Antibody - Additional Information**Gene ID** 22062**Other Names**

p73; Tp73; TAp73; Tumor protein p73; p53-like transcription factor; p53-related protein; Trp73

Dilution

WB~~1:100~1:500<br \>IHC-P~~1:100~1:500

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Rabbit Anti-Tp73 protein Polyclonal Antibody - Protein Information**Name** Tp73**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, essential for the positive regulation of lung ciliated cell differentiation (PubMed:26947080).

Cellular Location

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

Tissue Location

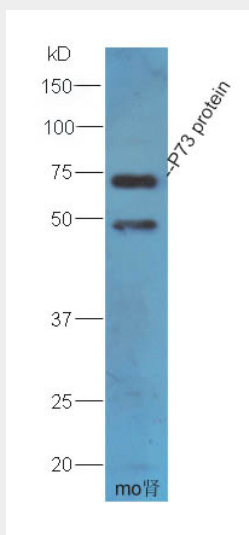
Found in striatal neurons of mutant huntingtin (htt) transgenic mice (at protein level). Isoform 1 is expressed in the nasal epithelium, the vomeronasal organ, the hippocampus and the hypothalamus.

Rabbit Anti-Tp73 protein Polyclonal Antibody - Protocols

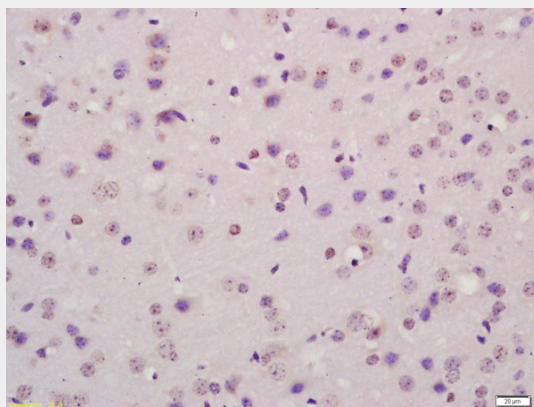
Provided below are standard protocols that you may find useful for product applications.

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

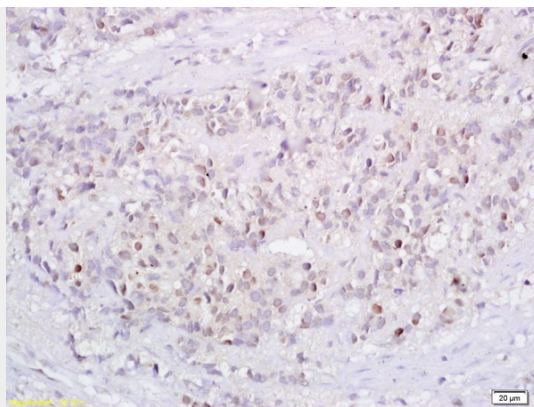
Rabbit Anti-Tp73 protein Polyclonal Antibody - Images



Mouse Kidney lysates probed with Rabbit Anti-Tp73 Polyclonal Antibody, Unconjugated (AP52324) at 1:300 overnight at 4°C. Incubate with HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000 for 90min at 37°C.



Formalin-fixed and paraffin embedded mouse brain labeled with Rabbit Anti-P73 protein Polyclonal Antibody, Unconjugated (AP52324) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Formalin-fixed and paraffin embedded human endometrium tissue labeled with Anti-P73 Polyclonal Antibody, Unconjugated AP52324 followed by conjugation to the secondary antibody and DAB staining

Rabbit Anti-Tp73 protein 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.