

Rabbit Anti-Tp73 protein Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52324

Specification

Rabbit Anti-Tp73 protein Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host Clonality WB, IHC-P <u>O9JJP2</u> Human, Mouse, Rat Rabbit 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 $^{\circ}$ 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 $^{\circ}$ 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.

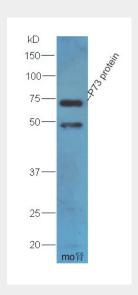


Rabbit Anti-Tp73 protein Polyclonal Antibody - Protocols

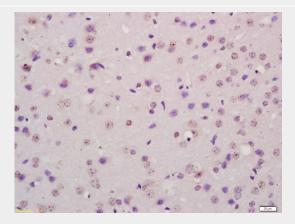
Provided below are standard protocols that you may find useful for product applications.

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

Rabbit Anti-Tp73 protein Polyclonal Antibody - Images

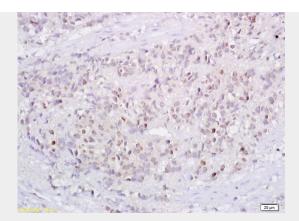


Mouse Kidney lysates probed with Rabbit Anti-Tp73 Polyclonal Antibody, Unconjugated (AP52324) at 1:300 overnight at 4° C. Incubate with HRP conjugated Goat-Anti-Rabbit IgG at 1:5000 for 90min at 37° C.



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.