

p73 (Acetyl Lys321) Polyclonal Antibody

Catalog # AP63234

Specification

p73 (Acetyl Lys321) Polyclonal Antibody - Product Information

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

p73 (Acetyl Lys321) 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. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. IHC-P~ \sim N/A

Format

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

Storage Conditions

-20°C

p73 (Acetyl Lys321) 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: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,



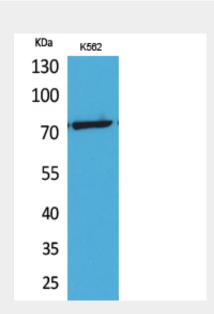
placenta, colon, heart, liver, spleen, skeletal muscle, prostate, thymus and pancreas Highly expressed in fetal tissue. Expressed in the respiratory epithelium (PubMed:34077761).

p73 (Acetyl Lys321) Polyclonal Antibody - Protocols

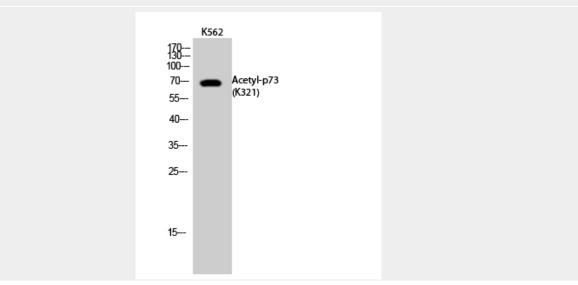
Provided below are standard protocols that you may find useful for product applications.

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

p73 (Acetyl Lys321) Polyclonal Antibody - Images

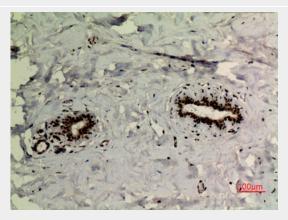


Western Blot analysis of K562 cells using Acetyl-p73 (K321) Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

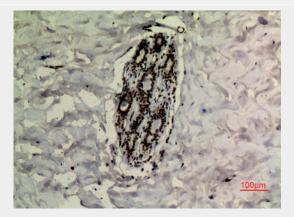




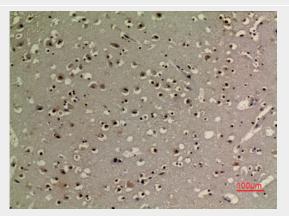
Western Blot analysis of K562 cells using Acetyl-p73 (K321) Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-breast, antibody was diluted at 1:100

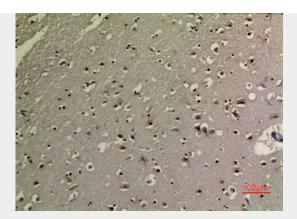


Immunohistochemical analysis of paraffin-embedded human-breast, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100





Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100

p73 (Acetyl Lys321) 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.