

p73 (Acetyl Lys321) Polyclonal Antibody

Catalog # AP63234

Product Information

Application WB, IHC-P
Primary Accession O15350
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 69623

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~~Western Blot: 1/500 - 1/2000. IHC-p:

1:100-300 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

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

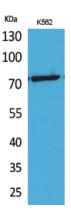
level). Brain, kidney, placenta, colon, heart, liver, spleen, skeletal muscle, prostate, thymus and pancreas Highly expressed in fetal tissue. Expressed in

the respiratory epithelium (PubMed:34077761).

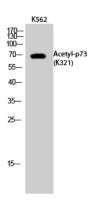
Background

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.

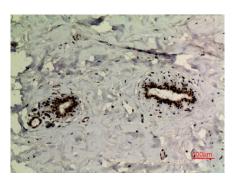
Images



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

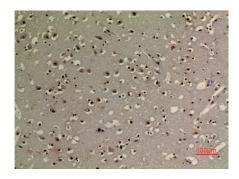


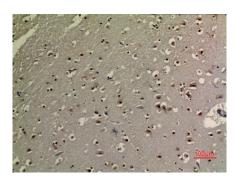
Immunohistochemical analysis of paraffin-embedded human-breast, antibody was diluted at 1:100



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

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