

# p73 (Acetyl Lys321) Polyclonal Antibody

Catalog # AP63234

## Product Information

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<b>Application</b>	WB, IHC-P
<b>Primary Accession</b>	<a href="#">O15350</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	69623

## Additional Information

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<b>Gene ID</b>	7161
<b>Other Names</b>	TP73; P73; Tumor protein p73; p53-like transcription factor; p53-related protein
<b>Dilution</b>	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.
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

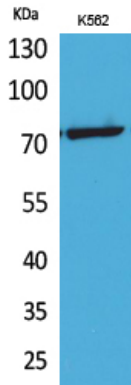
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<b>Name</b>	TP73
<b>Synonyms</b>	P73
<b>Function</b>	Participates in the apoptotic response to DNA damage. Isoforms containing the transactivation domain are pro-apoptotic, isoforms lacking the domain are anti-apoptotic and block the function of p53 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: <a href="#">34077761</a> ).
<b>Cellular Location</b>	Nucleus. Cytoplasm. Note=Accumulates in the nucleus in response to DNA damage
<b>Tissue Location</b>	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: <a href="#">34077761</a> ).

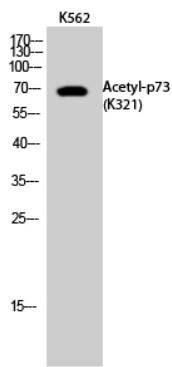
## Background

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.

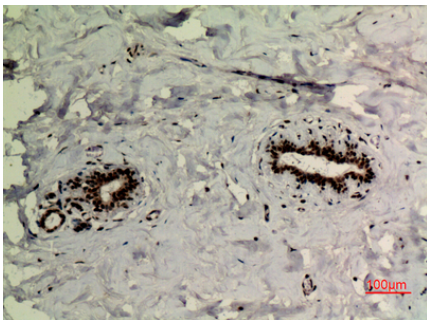
## Images



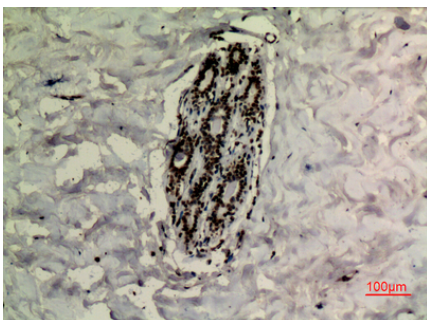
Western Blot analysis of K562 cells using Acetyl-p73 (K321) Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



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

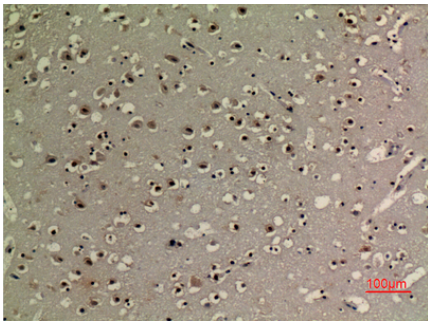


Immunohistochemical analysis of paraffin-embedded human-breast, antibody was diluted at 1:100

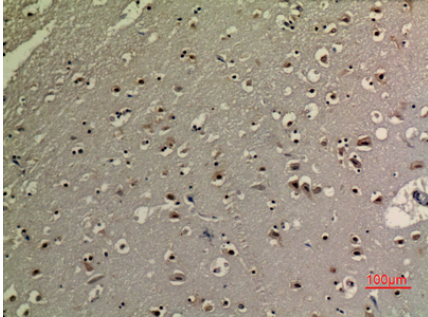


Immunohistochemical analysis of paraffin-embedded human-breast, antibody was diluted at 1:100

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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