

TP73 / p73 Antibody (N-Terminus, clone 5B429)
Mouse Monoclonal Antibody
Catalog # ALS12125**Specification**

TP73 / p73 Antibody (N-Terminus, clone 5B429) - Product Information

Application	WB, IHC
Primary Accession	O15350
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	70kDa KDa

TP73 / p73 Antibody (N-Terminus, clone 5B429) - Additional Information**Gene ID** 7161**Other Names**

Tumor protein p73, p53-like transcription factor, p53-related protein, TP73, P73

Target/Specificity

Full-length human p73. It reacts with an epitope that is located on the N-terminal region of human p73. It does not cross react with p53.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

TP73 / p73 Antibody (N-Terminus, clone 5B429) is for research use only and not for use in diagnostic or therapeutic procedures.

TP73 / p73 Antibody (N-Terminus, clone 5B429) - 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

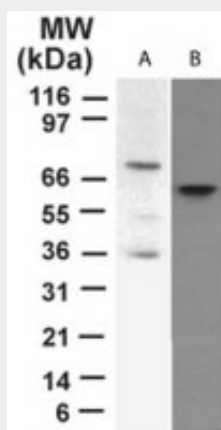
Tissue Location

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).

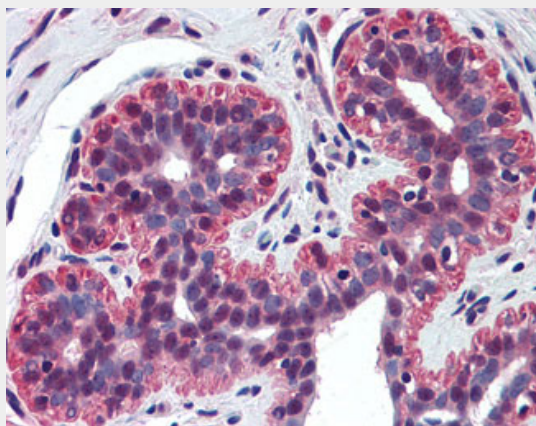
TP73 / p73 Antibody (N-Terminus, clone 5B429) - Protocols

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](#)

TP73 / p73 Antibody (N-Terminus, clone 5B429) - Images

Western blot of p73 in A) transfected cell lysate and B) HeLa cell lysate using antibody at 2 ug/ml.



Anti-p73 antibody IHC of human breast.

TP73 / p73 Antibody (N-Terminus, clone 5B429) - Background

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TP73 / p73 Antibody (N-Terminus, clone 5B429) - References

Kaghad M.,et al.Cell 90:809-819(1997).
Mai M.,et al.Genomics 51:359-363(1998).
De Laurenzi V.,et al.J. Exp. Med. 188:1763-1768(1998).
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Yoshikawa H.,et al.Oncogene 18:3415-3421(1999).