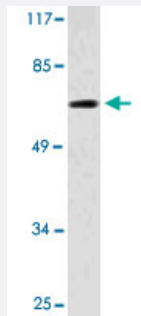


TP73 polyclonal antibody

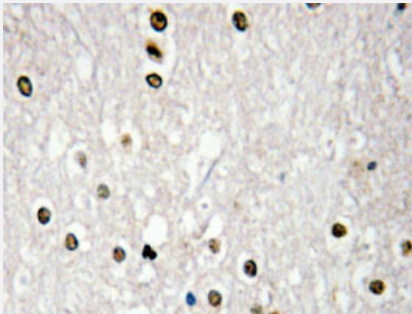
Catalog # PAB24953 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysate with TP73 polyclonal antibody (Cat # PAB24953).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using TP73 polyclonal antibody (Cat # PAB24953).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TP73.
Immunogen	A synthetic peptide corresponding to TP73.
Host	Rabbit
Theoretical MW (kDa)	70
Reactivity	Human
Specificity	TP73 polyclonal antibody detects endogenous levels of TP73 protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysate with TP73 polyclonal antibody (Cat # PAB24953).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using TP73 polyclonal antibody (Cat # PAB24953).

Gene Info — TP73

Entrez GeneID	7161
Gene Name	TP73
Gene Alias	P73
Gene Description	tumor protein p73
Omim ID	601990
Gene Ontology	Hyperlink

Gene Summary

This gene encodes tumor protein p73, which is a member of the p53 family of transcription factors involved in cellular responses to stress and development. The family members include p53, p63, and p73 and have high sequence similarity to one another, which allows p63 and p73 to transactivate p53-responsive genes causing cell cycle arrest and apoptosis. The family members can interact with each other in many ways involving direct or indirect protein interactions, resulting in regulation of the same target gene promoters or regulation of each other's promoters. The p73 protein is expressed at very low levels in normal tissues and is differentially expressed in a number of tumors. The p73 gene expresses at least 35 mRNA variants due to the use of alternate promoters, alternate translation initiation sites, and multiple splice variations. Theoretically this can account for 29 different p73 isoforms; however, the biological validity and the full-length nature of most variants have not been determined. [provided by RefSeq]

Other Designations

OTTHUMP00000000662|p53-like transcription factor|p53-related protein

Pathway

- [Neurotrophin signaling pathway](#)
- [p53 signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Digestive System Neoplasms](#)
- [Disease Progression](#)

- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Gastrointestinal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Leukoplakia](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Mouth Neoplasms](#)
- [Neoplasms](#)
- [Oropharyngeal Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Papillomavirus Infections](#)
- [Pulmonary Disease](#)
- [Rhinitis](#)
- [Sinusitis](#)
- [Stomach Neoplasms](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [The p53 tumor suppressor protein](#)
- [Tooth Abnormalities](#)
- [Uterine Cervical Neoplasms](#)