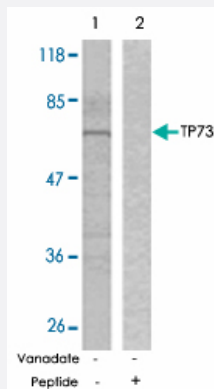


TP73 polyclonal antibody

Catalog # PAB26660 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from K-562 using TP73 polyclonal antibody (Cat # PAB26660).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TP73.
Immunogen	A synthetic peptide corresponding to residues surrounding Y99 of human TP73.
Sequence	S-P-Yp-A-Q
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

Storage Instruction

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 extracts from K-562 using TP73 polyclonal antibody (Cat # PAB26660).

Gene Info — TP73

Entrez GeneID[7161](#)**Protein Accession#**[O15350](#)**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](#)