

MaxPab®

TP73 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007161-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human TP73 protein.
Immunogen	TP73 (ADR83099.1, 1 a.a. ~ 636 a.a) full-length human protein.
Sequence	MAQSTATSPDGGTTFEHLWSSLEPDSTYFDLPQSSRGNNNEVGGTDSSMDVFHLEGMTTSVMA QFNLLSSTMDQMSSRAASAPYTPEHAASVPTHSPYAQPSSTFDTMSPAPVIPSNNTDYPGPHHF EVTFQQSSSTAKSATWTYSPLLKKLYCQIAKTCPIQIKVSTPPPGTAIRAMPVYKKAEHVTDVVKRC PNHELGRDFNEGQSAPASHLIRVEGNNLSQYVDDPVTGRQSVVVPYEPQVGTEFTTILYNFMCN SSCVGGMNRRPILIIITLEMRDGGVLGRRSFEGRICACPGDRKADEDHYREQQALNESSAKNGA ASKRAFKQSPPAVPALGAGVKKRRHGEDDTYLLQVRGRENFEILMKLKESELMELVPQPLVDS YRQQQQLLQRPSHLQPPSYGPVLSPMNKVHGGMNKLPSVNQLVGQPPPHSSAATPNLGPVGPG MLNNHGHAVPANGEMSSSHSAQSMVSGSHCTPPPPYHADPSLVSFLTGLGCPNCIEYFTSQGL QSIHLQNLTIEDLGALKIPEQYRMTWRGLQDLKQGHDYSTAQQLLRSSNAATISIGSGGELQRQRV MEAVHFRVRHTITIPNRGGPGGGPDEWADFGFDLPDCKARKQPIKEEFTEAEIH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (91)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — TP73

Entrez GeneID [7161](#)

GeneBank Accession# [HQ258345.1](#)

Protein Accession# [ADR83099.1](#)

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](#)