

# 订购热线: 4008-898-798

# Anti-TP53INP1 antibody

Cat. No.	ml162004
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview				
Description	Anti-TP53INP1 rabbit polyclonal antibody			
Applications	ELISA, WB, IHC			
Immunogen	Synthetic peptide of human TP53INP1			
Reactivity	Human			
Content	0.5 mg/ml			
Host species	Rabbit			
lg class	Immunogen-specific rabbit IgG			
Purification	Antigen affinity purification			
Target information				

TP53INP1
tumor protein p53 inducible nuclear protein 1
SIP; Teap; p53DINP1; TP53DINP1; TP53INP1A; TP53INP1B
Q96A56
duce

#### Target Background

Symbol Full name Synonyms Swissprot

TP53INP1 (tumor protein p53-inducible nuclear protein 1), also known as p53DINP1, SIP or Teap, is a 240 amino acid protein that localizes to nuclear bodies and exists as two alternatively spliced isoforms, designated p53DINP1a and p53DINP1b. Expressed ubiquitously with higher expression in testis, pancreas and spleen tissue, TP53INP1 functions in response to double-stranded DNA breaks and regulates p53-mediated apoptosis, specifically by phosphorylating human p53 at Ser 46, an event that leads to cell death. Additionally, TP53INP1 is thought to interact with p73 and may be involved in the regulation of p73-controlled cell cycle progression. TP53INP1 expression is downregulated in pancreatic ductal adenocarcinomas, suggesting that, via its ability to induce cell death, TP53INP1 plays a role in tumor suppression.



# 订购热线: 4008-898-798

#### Applications

Immunohistochemistry

Predicted cell location: Cytoplasm Positive control: Human brain Recommended dilution: 50-200



Predicted cell location: Cytoplasm Positive control: Human prostate cancer Recommended dilution: 50-200



magnification: ×200)



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml162004(TP53INP1 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: ×200)

#### Western blotting

Predicted band size:27 kDa Positive control:Human fetal liver tissue, 293T and 231 cells Recommended dilution: 200-1000

Gel: 10%SDS-PAGE Lysate: 40 µg Lane 1-3: Human fetal liver tissue, 293T cells, 231 cells Primary antibody: ml162004(TP53INP1 Antibody) at dilution 1/200 ind in the second secon Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 1 minute

**ELISA** Recommended dilution: 1000-2000

联系电话: 4008-898-798, 021-61725725

### 联系QQ: 2881505695, 2881505696

邮箱: mlbio cn@yeah.net

网址: www.mlbio.cn

kDa	1	2	3
55—			
36—			
28—	-	-	-
17—			
10—			

The image on the left is immunohistochemistry of paraffin-embedded

Human prostate cancer tissue using ml162004(TP53INP1 Antibody)

at dilution 1/50, on the right is treated with synthetic peptide. (Original