

**p53 DINP1 Rabbit mAb**  
Catalog # AP78006**Specification**

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**p53 DINP1 Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">Q96A56</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	27366

**p53 DINP1 Rabbit mAb - Additional Information**

Gene ID 94241

**Other Names**  
TP53INP1**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**p53 DINP1 Rabbit mAb - Protein Information****Name** TP53INP1**Synonyms** P53DINP1, SIP**Function**

Antiproliferative and proapoptotic protein involved in cell stress response which acts as a dual regulator of transcription and autophagy. Acts as a positive regulator of autophagy. In response to cellular stress or activation of autophagy, relocates to autophagosomes where it interacts with autophagosome-associated proteins GABARAP, GABARAPL1/L2, MAP1LC3A/B/C and regulates autophagy. Acts as an antioxidant and plays a major role in p53/TP53-driven oxidative stress response. Possesses both a p53/TP53-independent intracellular reactive oxygen species (ROS) regulatory function and a p53/TP53-dependent transcription regulatory function. Positively regulates p53/TP53 and p73/TP73 and stimulates their capacity to induce apoptosis and regulate cell cycle. In response to double-strand DNA breaks, promotes p53/TP53 phosphorylation on 'Ser-46' and subsequent apoptosis. Acts as a tumor suppressor by inducing cell death by an autophagy and caspase-dependent mechanism. Can reduce cell migration by regulating the expression of SPARC.

**Cellular Location**

Cytoplasm, cytosol. Nucleus. Nucleus, PML body. Cytoplasmic vesicle, autophagosome.  
Note=Shuttles between the nucleus and the cytoplasm, depending on cellular stress conditions,

and re- localizes to autophagosomes on autophagy activation

#### Tissue Location

Ubiquitously expressed.

#### p53 DINP1 Rabbit mAb - 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](#)

#### p53 DINP1 Rabbit mAb - Images

