

**Anti-TP53INP2 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV11863****Specification**

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**Anti-TP53INP2 Antibody - Product Information**

Application	IHC, IF, WB
Primary Accession	<a href="#">Q8IXH6</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	23980

**Anti-TP53INP2 Antibody - Additional Information****Gene ID** 58476

Positive Control	<b>WB: HeLa, RAW264.7, H9C2 cell lysate;</b> <b>IHC: human breast cancer tissue; IFC: HeLa cells</b>
Application & Usage	<b>WB; 1:500 - 1:2000, IHC; 1:50 - 1:200,</b> <b>IF/IC; 1:50 - 1:100</b>
Alias Symbol	<b>TP53INP2</b>

**Other Names**

C20orf110; DOR; PINH; Tumor protein p53-inducible nuclear protein 2; Diabetes and obesity-regulated gene; p53-inducible protein U; PIG-U

**Appearance**

Colorless liquid

**Formulation**

In 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

Anti-TP53INP2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-TP53INP2 Antibody - Protein Information****Name** TP53INP2

**Synonyms** C20orf110, DOR, PINH

**Function**

Dual regulator of transcription and autophagy. Positively regulates autophagy and is required for autophagosome formation and processing. May act as a scaffold protein that recruits MAP1LC3A, GABARAP and GABARAPL2 and brings them to the autophagosome membrane by interacting with VMP1 where, in cooperation with the BECN1-PI3-kinase class III complex, they trigger autophagosome development. Acts as a transcriptional activator of THRA.

**Cellular Location**

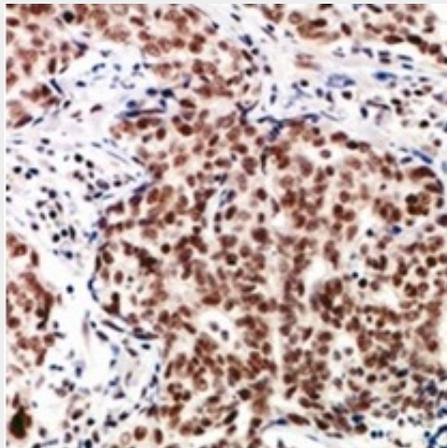
Cytoplasm, cytosol. Nucleus. Nucleus, PML body. Cytoplasmic vesicle, autophagosome.  
Note=Shuttles between the nucleus and the cytoplasm, depending on cellular stress conditions, and re- localizes to autophagosomes on autophagy activation

**Anti-TP53INP2 Antibody - Protocols**

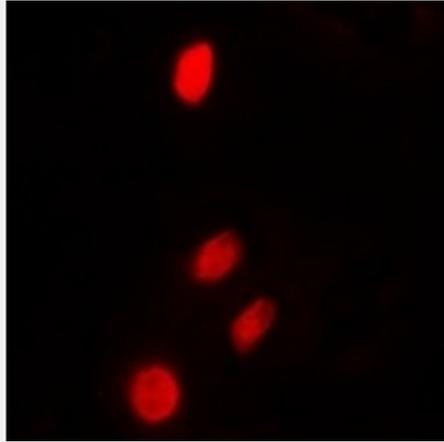
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

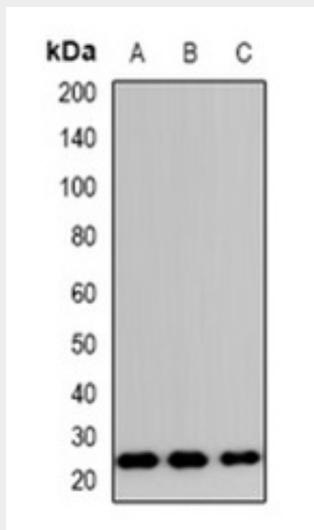
**Anti-TP53INP2 Antibody - Images**



Immunohistochemical analysis of TP53INP2 staining in H.breast cancer formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of TP53INP2 staining in HeLa cells.



Western blot analysis of TP53INP2 expression in HeLa(A); RAW264.7(B); H9C2(C) whole cell lysates.

#### **Anti-TP53INP2 Antibody - Background**

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