

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

Anti-TP53INP2 Antibody - Product Information

Application	IHC, IF, WB
Primary Accession	Q8IXH6
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	23980

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

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

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

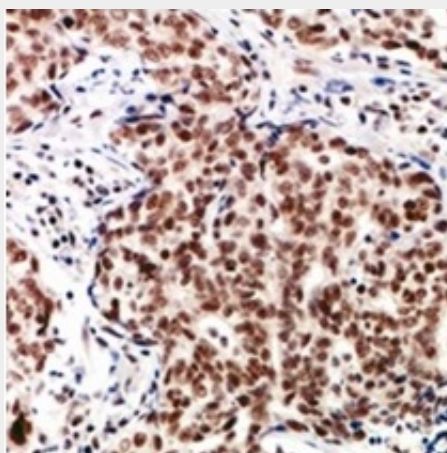
Cytoplasm, cytosol. Nucleus. Nucleus, PML body. Cytoplasmic vesicle, autophagosome.
Note=Shuttles between the nucleus and the cytoplasm, depending on cellular stress conditions, and re- localizes to autophagosomes on autophagy activation

Anti-TP53INP2 Antibody - Protocols

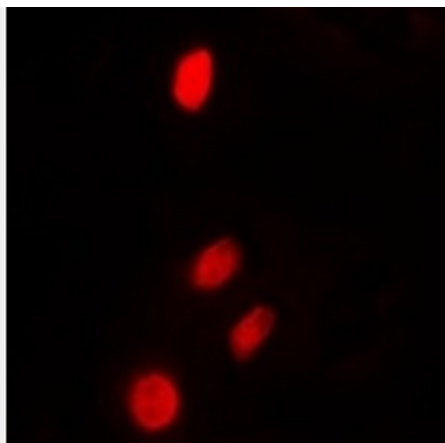
Provided below are standard protocols that you may find useful for product applications.

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

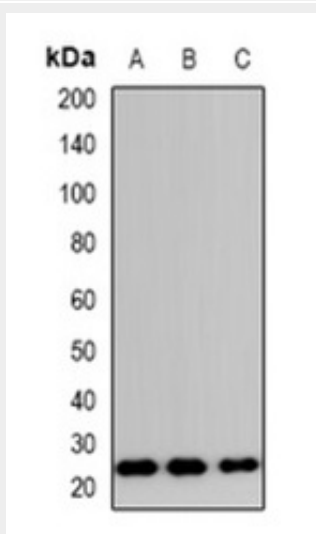
Anti-TP53INP2 Antibody - Images



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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