

Anti-TP53INP2 Antibody

Rabbit Polyclonal Antibody

Catalog # ABV11863

Product Information

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

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.

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.

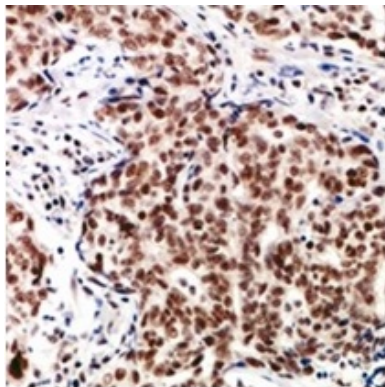
Cellular Location

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

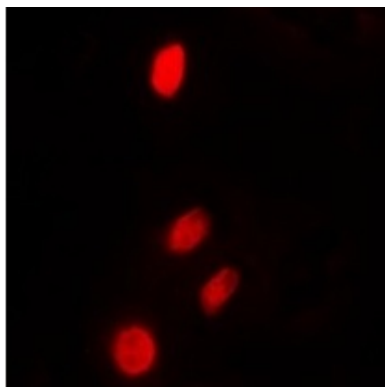
Background

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.

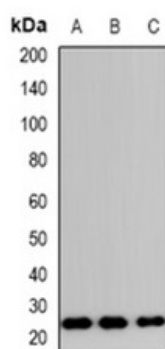
Images



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.