

TP53INP2 Polyclonal Antibody

Catalog # AP73916

Product Information

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

Additional Information

Gene ID	58476
Other Names	TP53INP2; C20orf110; DOR; PINH; Tumor protein p53-inducible nuclear protein 2; Diabetes and obesity-regulated gene; p53-inducible protein U; PIG-U
Dilution	WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

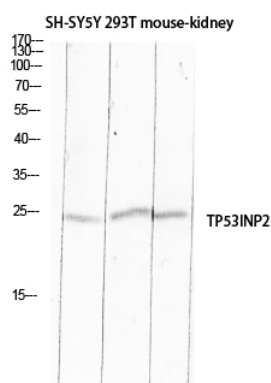
Protein Information

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

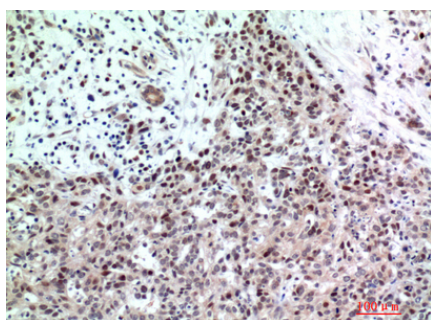
Background

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.

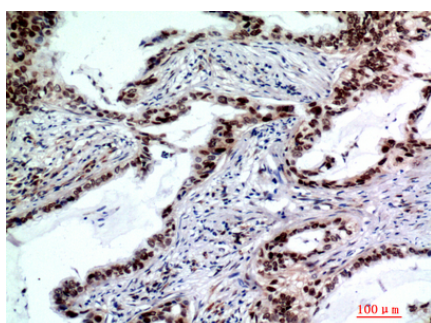
Images



Western blot analysis of SH-SY5Y 293T mouse-kidney lysis using TP53INP2 antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-lungcancer, antibody was diluted at 1:200

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