

## TP53INP2 Antibody

Catalog No: #33963

Package Size: #33963-1 50ul #33963-2 100ul

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## Description

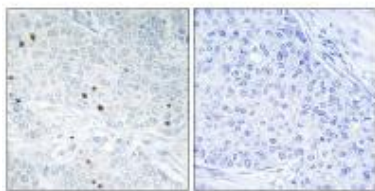
Product Name	TP53INP2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC IF
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total TP53INP2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human TP53INP2.
Target Name	TP53INP2
Other Names	p53-inducible protein U; PIG-U; PINH; T53I2; tumor protein p53 inducible nuclear protein 2
Accession No.	Swiss-Prot: Q8IXH6 geneID 9606
Uniprot	Q8IXH6
GeneID	58476;
SDS-PAGE MW	24kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:50~1:100

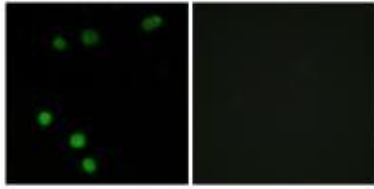
Immunofluorescence: 1:100~1:500

## Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using TP53INP2 antibody #33963.

Immunofluorescence analysis of MCF-7 cells, using TP53INP2 antibody #33963.



## 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.

Baumgartner B.G., Submitted (OCT-2000) to the EMBL/GenBank/DDBJ databases.

Deloukas P., Nature 414:865-871(2001).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Note: This product is for in vitro research use only