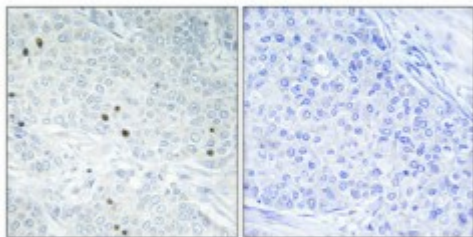


Anti-TP53INP2 antibody



Description	Rabbit polyclonal to TP53INP2.
Model	STJ96071
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human TP53INP2
Immunogen Region	1-80 aa, N-terminal
Gene ID	58476
Gene Symbol	TP53INP2
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	TP53INP2 Polyclonal Antibody detects endogenous levels of TP53INP2 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Tumor protein p53-inducible nuclear protein 2 Diabetes and obesity-regulated gene p53-inducible protein U PIG-U
Molecular Weight	23.98 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16104 OMIM:617549
Alternative Names	Tumor protein p53-inducible nuclear protein 2 Diabetes and obesity-regulated gene p53-inducible protein U PIG-U
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.
Sequence and Domain Family	The LC3 interacting region (LIR) motif mediates interaction with GABARAP, GABARAPL1, GABARAPL2, MAP1LC3A, MAP1LC3B and MAP1LC3C.
Cellular Localization	Cytoplasm, cytosol. Nucleus. Nucleus, PML body. Cytoplasmic vesicle, autophagosome. Shuttles between the nucleus and the cytoplasm, depending on cellular stress conditions, and re-localizes to autophagosomes on autophagy activation.

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