



TP53INP2 Polyclonal Antibody

Catalog No	YP-Ab-00536
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	TP53INP2
Immunogen	The antiserum was produced against synthesized peptide derived from human TP53INP2. AA range:1-50
Specificity	TP53INP2 Polyclonal Antibody detects endogenous levels of TP53INP2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TP53INP2;Tumor protein p53-inducible nuclear protein 2;C20orf110;DOR;PINH;Diabetes and obesity-regulated gene;p53-inducible protein U;PIG-U
Observed Band	17kD
Calculated Molecular Weight	17kD
Cell Pathway	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.
Tissue Specificity	Eye,Heart,
Function	
Background	tumor protein p53 inducible nuclear protein 2(TP53INP2) Homo sapiens The protein encoded by this gene promotes autophagy and is essential for proper autophagosome formation and processing. In addition, the encoded protein can enhance rDNA transcription by helping in the assembly of the POLR1/RNA polymerase I preinitiation complex. Finally, this protein serves as a



transcriptional activator for some genes. [provided by RefSeq, Jul 2016],

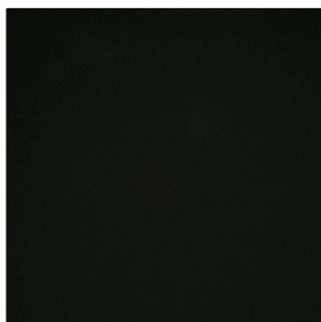
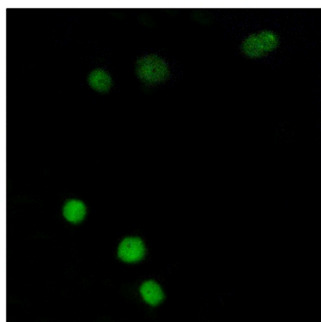
matters needing attention

Avoid repeated freezing and thawing!

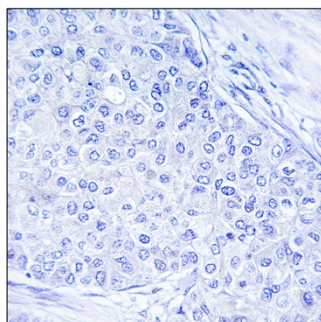
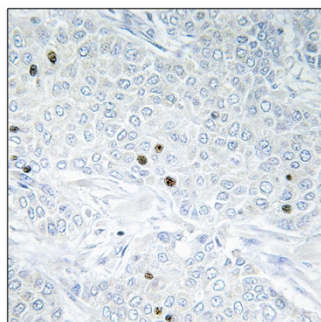
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunofluorescence analysis of MCF7 cells, using TP53INP2 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using TP53INP2 Antibody. The picture on the right is blocked with the synthesized peptide.