Anti-TP53INP2 Antibody

CATALOG NO: A1169-100

ALTERNATIVE NAMES: C20orf110, DOR; PINH, Tumor protein p53-inducible nuclear protein 2, Diabetes and obesity-regulated gene, p53-inducible protein U, PIG-U

AMOUNT: 100 µl

IMMUNOGEN: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TP53INP2

HOST/ISOTYPE: Rabbit IgG

CLONALITY: Polyclonal

SPECIFICITY: Recognizes endogenous levels of TP53INP2 protein

SPECIES REACTIVITY: Human, Mouse and Rat

PURIFICATION: The antibody was purified by affinity chromatography

FORM: Liquid

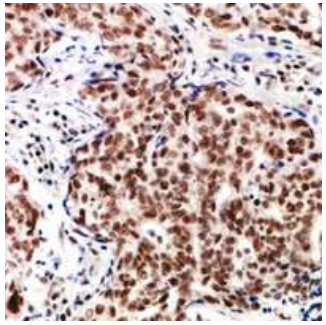
FORMULATION: Supplied in 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide

STORAGE CONDITIONS: Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

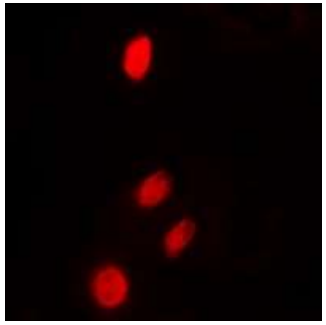
DESCRIPTION: Dual regulator of transcription and autophagy. Positively regulates autophagy and is required for autophagosome formation and processing. May act as a scaffold protein that recruits MAP1LC3A, GABARAP and GABARAPL2 and brings them to the autophagosome membrane by interacting with VMP1 where, in cooperation with the BECN1-PI3-kinase class III complex, they trigger autophagosome development. Acts as a transcriptional activator of THRA.

APPLICATION: WB; 1:500 – 1:2000, IHC; 1:50 – 1:200, IF/IC; 1:50 – 1:100

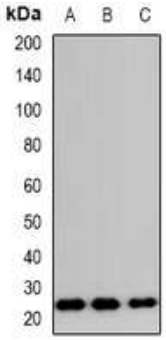
Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Immunohistochemical analysis of TP53INP2 staining in human 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

RELATED PRODUCTS:

- Tubulin Antibody **(Cat. No. 3708-100)**
- Beta-Actin Antibody (Clone BA3R) **(Cat. No. 3598R-100)**
- Beta Actin Monoclonal Antibody **(Cat. No. A1031-100)**
- Anti-ACTA2 Rabbit Monoclonal Antibody **(Cat. No. A1118-50)**

FOR RESEARCH USE ONLY! Not to be used on humans.