

TP53INP2/DOR Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP6960b**Specification****TP53INP2/DOR Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q8IXH6](#)**TP53INP2/DOR Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 58476**Other Names**

Tumor protein p53-inducible nuclear protein 2, Diabetes and obesity-regulated gene, p53-inducible protein U, PIG-U, TP53INP2, C20orf110, DOR, PINH

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6960b](/products/AP6960b) was selected from the C-term region of human TP53INP2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TP53INP2/DOR Antibody (C-term) Blocking peptide - Protein Information**Name** TP53INP2**TP53INP2/DOR Antibody (C-term) Blocking peptide - Background**

TP53INP2 is a scaffold protein that recruits LC3 and/or LC3-related proteins to the autophagosome membrane by interacting with the transmembrane protein VMP1.

TP53INP2/DOR Antibody (C-term) Blocking peptide - References

Bennetts,J.S., et.al., Dev. Dyn. 236 (3), 843-852 (2007)

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

TP53INP2/DOR Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)