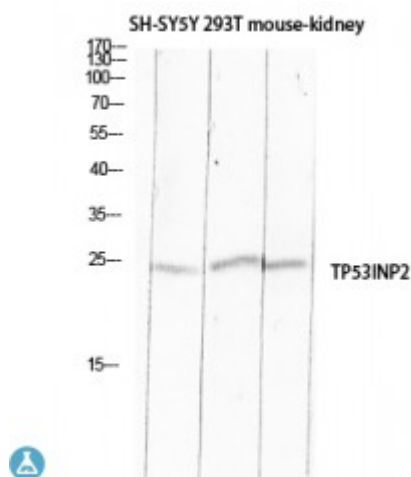


## Anti-TP53INP2 antibody



|                         |   |
|-------------------------|---|
| <b>Description</b>      | Rabbit polyclonal to TP53INP2.  |
| <b>Model</b>            | STJ97686  |
| <b>Host</b>             | Rabbit  |
| <b>Reactivity</b>       | Human   |
| <b>Applications</b>     | ELISA, IHC, WB  |
| <b>Immunogen</b>        | Synthesized peptide derived from human TP53INP2.  |
| <b>Immunogen Region</b> | 161-210 aa, C-terminal  |
| <b>Gene ID</b>          | <a href="#">58476</a>   |
| <b>Gene Symbol</b>      | <a href="#">TP53INP2</a>  |
| <b>Dilution range</b>   | WB 1:500-1:2000IHC-P 1:100-1:300ELISA 1:10000   |
| <b>Specificity</b>      | TP53INP2 Polyclonal Antibody detects endogenous levels of TP53INP2 protein.   |
| <b>Purification</b>     | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Note</b>             | For Research Use Only (RUO).  |
| <b>Protein Name</b>     | Tumor protein p53-inducible nuclear protein 2 Diabetes and obesity-regulated gene p53-inducible protein U PIG-U       |
| <b>Clonality</b>        | Polyclonal  |
| <b>Conjugation</b>      | Unconjugated  |
| <b>Isotype</b>          | IgG   |

|                                   |  |
|-----------------------------------|--|
| <b>Formulation</b>                | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Concentration</b>              | 1 mg/ml  |
| <b>Storage Instruction</b>        | Store at -20°C, and avoid repeat freeze-thaw cycles.   |
| <b>Database Links</b>             | <a href="https://www.ebi.ac.uk/ENSP/entry/HGNC:16104OMIM:617549">HGNC:16104OMIM:617549</a>   |
| <b>Alternative Names</b>          | Tumor protein p53-inducible nuclear protein 2 Diabetes and obesity-regulated gene p53-inducible protein U PIG-U  |
| <b>Function</b>                   | 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. |
| <b>Sequence and Domain Family</b> | The LC3 interacting region (LIR) motif mediates interaction with GABARAP, GABARAPL1, GABARAPL2, MAP1LC3A, MAP1LC3B and MAP1LC3C.   |
| <b>Cellular Localization</b>      | 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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