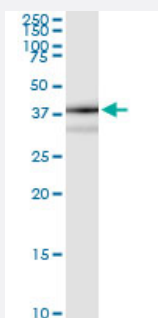


TP53I3 (Human) IP-WB Antibody Pair

Catalog # H00009540-PW1

Size 1 Set

Applications



Immunoprecipitation of TP53I3 transfected lysate using rabbit polyclonal anti-TP53I3 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-TP53I3.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of TP53I3 transfected lysate using rabbit polyclonal anti-TP53I3 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-TP53I3.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-TP53I3 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-TP53I3 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — TP53I3

Entrez GeneID [9540](#)

Gene Name TP53I3

Gene Alias PIG3

Gene Description tumor protein p53 inducible protein 3

Omim ID [605171](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is similar to oxidoreductases, which are enzymes involved in cellular responses to oxidative stresses and irradiation. This gene is induced by the tumor suppressor p53 and is thought to be involved in p53-mediated cell death. It contains a p53 consensus binding site in its promoter region and a downstream pentanucleotide microsatellite sequence. P53 has been shown to transcriptionally activate this gene by interacting with the downstream pentanucleotide microsatellite sequence. The microsatellite is polymorphic, with a varying number of pentanucleotide repeats directly correlated with the extent of transcriptional activation by p53. It has been suggested that the microsatellite polymorphism may be associated with differential susceptibility to cancer. At least two transcript variants encoding the same protein have been found for this gene . [provided by RefSeq]

Other Designations OTTHUMP00000116037|p53-induced gene 3 protein|quinone oxidoreductase homolog

Pathway

- [p53 signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)

- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)