

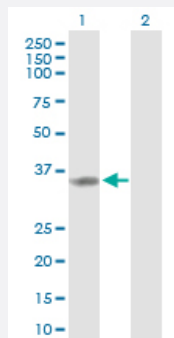
MaxPab®

# TP53I3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00009540-D01P

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of TP53I3 expression in transfected 293T cell line ([H00009540-T01](#)) by TP53I3 MaxPab polyclonal antibody.

Lane 1: TP53I3 transfected lysate(35.50 KDa).

Lane 2: Non-transfected lysate.

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human TP53I3 protein.                                                                                                                                                                                                                                                                                |
| Immunogen               | TP53I3 (NP_004872.2, 1 a.a. ~ 332 a.a) full-length human protein.                                                                                                                                                                                                                                                                                            |
| Sequence                | MLAVHFDKPGGPENLYWKEVAKPSPGEGEVLLKVAASALNRADLMQRQGQYDPPPGASNILGLE<br>ASGHVAELGPGCQGHWKIGDTAMALLPGGGQAQYVTVPEGLLMPIPEGLTLTQAAAIPEAWLTAF<br>QLLHLVGNVQAGDYVLIHAGLSGVGTAAIQLTRMAGAIPLVTAGSQKKLQMAEKLGAAGFNKYKE<br>DFSEATLKFTKGAGVNLILDCIGGSYWEKNVNCLALDGRWVLYGLMGGGDINGPLFSKLLFKRGS<br>LITSLRSRDNKYQMLVNAFTEQILPHFSTEGPQRLLPVLDRYPVTEIQEAHKYMEANKNIGKIVLE<br>LPQ |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                        |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                      |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                            |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                     |

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[Protocol Download](#)

## Gene Info — TP53I3

Entrez GeneID [9540](#)

GeneBank Accession# [NM\\_004881](#)

Protein Accession# [NP\\_004872.2](#)

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](#)