

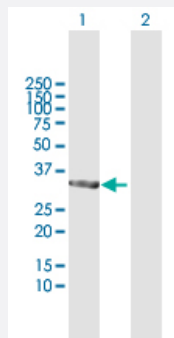
MaxPab®

TP53I3 MaxPab rabbit polyclonal antibody (D02)

Catalog # H00009540-D02

Size 100 uL

Applications

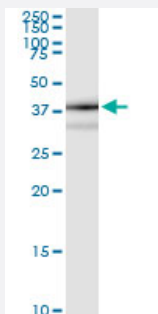


Western Blot (Transfected lysate)

Western Blot analysis of TP53I3 expression in transfected 293T cell line ([H00009540-T04](#)) by TP53I3 MaxPab polyclonal antibody.

Lane 1: TP53I3 transfected lysate(36.63 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of TP53I3 transfected lysate using anti-TP53I3 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with TP53I3 purified MaxPab mouse polyclonal antibody (B01P) ([H00009540-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human TP53I3 protein.

Immunogen

TP53I3 (AAH00474.1, 1 a.a. ~ 332 a.a) full-length human protein.

Sequence

MLAVHFDKPGGPENLYVKEVAKPSPGEGEVLLKVAASALNRADLMQRQGQYDPPPGASNILGLE
ASGHVAELGPGCQGHWKIGDTAMALLPGGGQAQYVTVPEGLLMPIPEGLTLTQAAAIPEAWLTAF
QLLHLVGNVQAGDYVLIHAGLSGVGTAAIQLTRMAGAIPLVTAGSQKKLQMAEKLGAAGFNKYKE
DFSEATLKFTKGAGVNLILDCIGGSYWEKNVNCLALDGRWVLYGLMGGGDINGPLFSKLLFKRGS
LITSLRSDNKYKQMLVNAFTEQILPHFSTEGPQRLLPVLDRIYPVTEIQEAHKYMEANKNIGKIVLE
LPQ

Host

Rabbit

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — TP53I3

Entrez GeneID	9540
GeneBank Accession#	BC000474.2
Protein Accession#	AAH00474.1
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](#)