

Product datasheet for **TA338282**

PIG3 (TP53I3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TP53I3 antibody is: synthetic peptide directed towards the C-terminal region of Human TP53I3. Synthetic peptide located within the following region: SKLLFKRGLSLLRSRDNKYKQMLVNAFTEQILPHFSTEGPQRLLPVL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	26 kDa
Gene Name:	tumor protein p53 inducible protein 3
Database Link:	NP_001193731 Entrez Gene 9540 Human Q53FA7



[View online »](#)

Background:

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.

Synonyms:

PIG3

Note:

Immunogen Sequence Homology: Human: 100%; Pig: 93%; Rat: 86%; Bovine: 86%; Rabbit: 86%; Dog: 85%; Horse: 83%

Protein Families:

Druggable Genome

Protein Pathways:

p53 signaling pathway

Product images:

WB Suggested Anti-TP53I3 Antibody; Titration: 1.0 ug/ml; Positive Control: MCF7 Whole Cell