

## Product datasheet for **TA358729**

### PIG3 (TP53I3) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Horse, Human, Pig, Rabbit <b>Homology:</b> Cow: 93%; Dog: 93%; Horse: 93%; Human: 100%; Pig: 93%; Rabbit: 86%
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>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	35kDa
Gene Name:	tumor protein p53 inducible protein 3
Database Link:	<a href="#">NP_004872</a> <a href="#">Entrez Gene 9540 Human</a> <a href="#">Q53FA7</a>



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**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:**

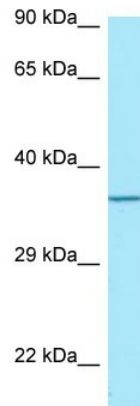
PIG3

**Protein Families:**

Druggable Genome

**Protein Pathways:**

p53 signaling pathway

**Product images:**

WB Suggested Anti-TP53I3 Antibody

Titration: 1.0 ug/ml

Positive Control: HepG2 Whole Cell TP53I3 is supported by BioGPS gene expression data to be expressed in HepG2