

# **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:

SKLLFKRGSLITSLLRSRDNKYKQMLVNAFTEQILPHFSTEGPQRLLPVL

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

Conjugation: Unconjugated

**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



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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.

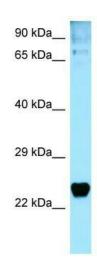
Synonyms: PIG3

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