

Rabbit PIG3 Polyclonal Antibody | anti-PIG3 antibody

PIG3 antibody

CATALOG # AAA107586	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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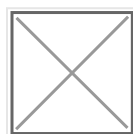
PRODUCT SYNONYMS

PIG3; Polyclonal Antibody; PIG3 antibody; Polyclonal PIG3; Anti-PIG3; PIG 3; quinone oxidoreductase PIG3; p53-induced gene 3 protein; quinone oxidoreductase homolog; TP53I3; PIG-3; tumor protein p53 inducible protein 3; anti-PIG3 antibody

PRODUCT SPECIFICATIONS

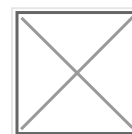
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	PIG3 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	322
Applicable Applications for anti-PIG3 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	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
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded H441 xenograft using PIG3 antibody at a dilution of 1:500



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Hep G2) using a 10 % SDS PAGE gel and PIG3 antibody at a dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed A549, using PIG3 antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PIG3 antibody	Affinity purified Rabbit polyclonal PIG3 antibody
Product Categories/Family for anti-PIG3 antibody	Proteases ; Inhibitors ; & Enzymes ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	2754812
NCBI GeneID	9540
UniProt Accession #	Q53FA7 ; O14679 ; O14685 ; Q38G78 ; Q6JLE7 ; Q9BWB8 ; D6W533
Molecular Weight	36 kDa
NCBI Official Full Name	Pig3
NCBI Official Synonym Full Names	tumor protein p53 inducible protein 3
NCBI Official Symbol	TP53I3
NCBI Official Synonym Symbols	PIG3
NCBI Protein Information	quinone oxidoreductase PIG3
UniProt Protein Name	Quinone oxidoreductase PIG3
UniProt Gene Name	TP53I3
UniProt Synonym Gene Names	PIG3
UniProt Entry Name	QORX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pig3-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/107586>