

Rabbit anti-Human PIG3 Polyclonal Antibody | anti-PIG3 antibody

PIG3 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307342	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

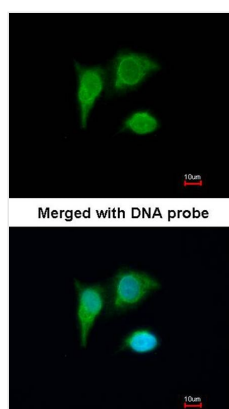
PRODUCT SYNONYMS

PIG3; Polyclonal Antibody; PIG3 antibody; anti-PIG3 antibody

PRODUCT SPECIFICATIONS

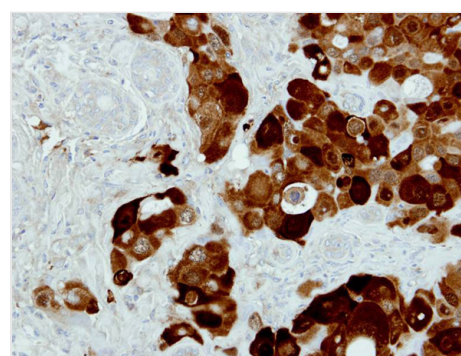
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	332
Applicable Applications for anti-PIG3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 302 of PIG3
Target Name	PIG3
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



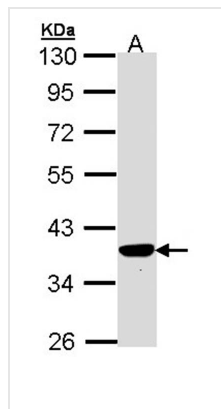
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H441 xenograft, using PIG3 antibody at 1: 500 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: Hep G2 10% SDS PAGE Primary antibody diluted at 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-PIG3 antibody	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]
Product Categories/Family for anti-PIG3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	22538444
NCBI GeneID	9540
NCBI Accession #	NP_004872
NCBI GenBank Nucleotide #	NM_004881.4
Molecular Weight	25,402 Da
NCBI Official Full Name	quinone oxidoreductase PIG3 isoform 1
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.

