

产品名称: PIG3 Rabbit Polyclonal Antibody
产品货号: APRab16131



产品概述 (Summary)

产品名称 (Production Name)	PIG3 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TP53I3
别名 (Alternative Names)	TP53I3; PIG3; Quinone oxidoreductase PIG3; Tumor protein p53-inducible protein 3; p53-induced gene 3 protein
基因 ID (Gene ID)	9540.0
蛋白 ID (SwissProt ID)	Q53FA7.The antiserum was produced against synthesized peptide derived from human QORX. AA range:241-290

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	36kDa

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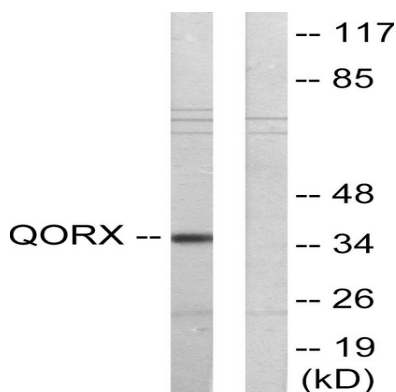
研究背景 (Background)

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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. alternative products: UV radiation favors the production of isoform 2, function: May be involved in the generation of reactive oxygen species (ROS), induction: Isoforms 1 and 2 are both activated by TP53/p53, doxorubicin, etoposide and ionizing radiation. Isoform 2 is highly activated by UV radiation, similarity: Belongs to the zinc-containing alcohol dehydrogenase family. Quinone oxidoreductase subfamily,

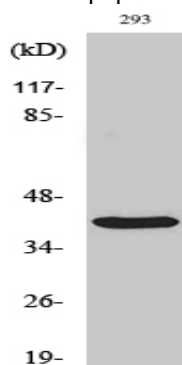
研究领域 (Research Area)

p53;

图片 (Image Data)



Western blot analysis of lysates from 293 cells, using QORX Antibody. The lane on the right is blocked with the synthesized peptide.



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Western Blot analysis of various cells using PIG3 Polyclonal Antibody

注意事项 (Note)

For research use only .