Datasheet for ABIN6990371

anti-TP53AIP1 antibody (N-Term)

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Overview

Quantity:	0.1 mg
Target:	TP53AIP1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TP53AIP1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	p53AIP1 antibody was raised against a 15 amino acid synthetic peptide from near the amino terminus of human p53AIP1. The immunogen is located within the first 50 amino acids of p53AIP1.
Isotype:	IgG
Purification:	p53AIP1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TP53AIP1
Alternative Name:	p53AIP1 (TP53AIP1 Products)
Background:	P53AIP1 Antibody: The p53 tumor-suppressor protein can induce apoptosis through transcriptional activation of several genes. One such protein p53AIP was initially identified

Target Details

	through direct cloning of p53 binding sequences from human genomic DNA. Its expression is inducible by p53 following p53 phosphorylation on Ser-46, and ectopic expression of p53AIP leads to apoptotic cell death. Both the phosphorylation of p53 and the induction of p53AIP were blocked by inhibiting the expression of p53DINP1 by the introduction of antisense oligonucleotides to p53DINP1, suggesting that the apoptosis associated with p53AIP expression is regulated by p53DINP1. Finally, as adenovirus-mediated introduction of p53AIP has been shown to suppress tumor growth in vivo, it has been suggested that p53AIP gene transfer may become a useful strategy for the treatment of p53-resistant cancers. Three isoforms of p53AIP are known to exist, this antibody will detect all three.
Gene ID:	63970
UniProt:	Q9HCN2

Application Details

Application Notes:	p53AIP1 antibody can be used for detection of p53AIP1 by Western blot at 4 - 8 µ,g/mL. Antibody can also be used for immunocytochemistry starting at 10 µ,g/mL. For immunofluorescence start at 20 µ,g/mL. Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	p53AIP1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	p53AIP1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.