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anti-TP53AIP1 antibody (N-Term)

2 Images

Overview



Publication



Go to Product page

Quantity:	0.1 mg	
Target:	TP53AIP1	
Binding Specificity:	N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	

Conjugate:	This TP53AIP1 antibody is un-conjugated

Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Application:

Immunogen:	p53AIP1 antibody was raised against a 15 amino acid peptide from near the amino terminus of human p53AIP1.
Isotype:	IgG
Specificity:	This antibody dreacts to p53AIP1. It will detect all three isoforms.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Peptide affinity chromatograpy

Target Details

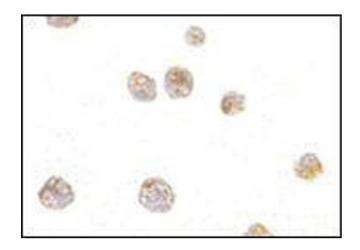
Target:	TP53AIP1
Alternative Name:	TP53AIP1 (TP53AIP1 Products)

Target Details

Background:	The p53 tumor-suppressor protein can induce apoptosis through transcriptional activation of several genes. One such protein p53AIP was initially identified 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 existSynonyms: p53-regulated apoptosis-inducing protein 1, p53AIP1
Gene ID:	63970
UniProt:	Q9HCN2
Application Details	
Application Notes:	ELISA. Western blot: 4 - 8 µg/mL. Immunocytochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.
Publications	
Product cited in:	Suzuki, Fujisawa, Ando, Niino, Ohsawa, Shimokata, Ohta: "Alcohol dehydrogenase 2 variant is associated with cerebral infarction and lacunae." in: Neurology , Vol. 63, Issue 9, pp. 1711-3, (

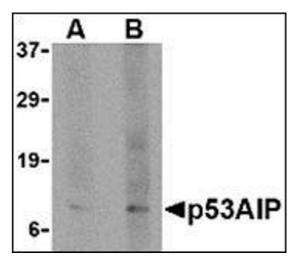
2004) (PubMed).

Images



Immunofluorescence

Image 1. Immunocytochemistry of p53AIP1 in HL60 cells with this product at 10 $\mu g/ml$.



Western Blotting

Image 2. Western blot analysis of p53AIP1 in HL60 cell lysate with this product at (A) 4 and (B) 8 μ g/ml.