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Datasheet for ABIN6976997

anti-TOPORS antibody (AA 21-120) (Alexa Fluor 350)

Overview

Quantity:	100 µL
Target:	TOPORS
Binding Specificity:	AA 21-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOPORS antibody is conjugated to Alexa Fluor 350
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human p53 BP3
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	TOPORS
Alternative Name:	p53 BP3 (TOPORS Products)

Target Details

Background:	<p>Synonyms: AW105885, E3 ubiquitin protein ligase Topors, E3 ubiquitin-protein ligase Topors, LUN, p53 binding protein 3, p53 BP3/LUN, p53-binding protein 3, p53BP3, p53BP3/LUN, Retinitis pigmentosa 31, RP31, SUMO1 protein E3 ligase Topors, SUMO1-protein E3 ligase Topors, Topoisomerase I binding arginine/serine rich, Topoisomerase I binding arginine/serine rich protein, Topoisomerase I binding protein, Topoisomerase I binding RING finger protein, Topoisomerase I-binding arginine/serine-rich protein, Topoisomerase I-binding RING finger protein, Topoisomerase I-binding RS protein, TOPORS, TOPRS_HUMAN, TP53BPL, Tumor protein p53 binding protein, Tumor suppressor p53 binding protein 3, Tumor suppressor p53-binding protein 3.</p> <p>Background: Functions as an E3 ubiquitin-protein ligase and as an E3 SUMO1-protein ligase. Probable tumor suppressor involved in cell growth, cell proliferation and apoptosis that regulates p53/TP53 stability through ubiquitin-dependent degradation. May regulate chromatin modification through sumoylation of several chromatin modification-associated proteins. May be involved in DNA damage-induced cell death through IKBKE sumoylation.</p>
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Gene ID:	10210
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UniProt:	Q9NS56
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Pathways:	Maintenance of Protein Location
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 µg/µL
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Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
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Handling

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months