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Datasheet for ABIN6980373

anti-TOPORS antibody (AA 21-120) (Alexa Fluor 647)

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 647
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: 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.

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.

Gene ID: 10210

UniProt: [Q9NS56](#)

Pathways: [Maintenance of Protein Location](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage: -20 °C

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

Expiry Date: 12 months