antibodies

Datasheet for ABIN1403029 anti-INIP antibody (AA 1-50) (Biotin)



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Quantity:	100 µL	
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Target:	INIP	
Binding Specificity:	AA 1-50	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This INIP antibody is conjugated to Biotin	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SOSSC/C9orf80
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	INIP
Alternative Name:	SOSSC (INIP Products)
Background:	Synonyms: INIP, Chromosome 9 open reading frame 80, hSSBIP1, MISE, RP11-276E15.2,
	Sensor of single-strand DNA complex subunit C, Sensor of ssDNA subunit C, Single-stranded

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	DNA-binding protein-interacting protein 1, SOSS C, SOSS complex subunit C, SOSS-C, SOSSC,
	SOSSC_HUMAN, SSB-interacting protein 1, Ssbip1, C9orf80, INTS3- and NABP-interacting
	protein
	Background: The SOSS (Sensor of single-strand DNA) complex consists of multiple proteins
	that promote DNA repair and G2/M checkpoint downstream of the MRN (Mre11, Rad50 and
	Nbs1) complex. The complex is composed of SSBP1, INTS3 and C9orf80. Specifically, the
	SOSS complex binds to ssDNA at DNA lesions that influences diverse endpoints in the cellular
	DNA damage response. The complex is required for efficient homologous recombination-
	dependent repair of double-stranded breaks and ATM-dependent signaling pathways. C9orf80,
	also known as SOSS complex subunit C and Single-stranded DNA-binding protein-interacting
	protein 1 (SSBIP1), is a 104 amino acid nuclear protein that is a component of the SOSS
	complex. Upon DNA damage, C9orf80 along with other components of the SOSS complex
	migrate to the nucleus. There are two isoforms of C9orf80 that are produced as a result of
	alternative splicing events.
Gene ID:	58493
UniProt:	Q9NRY2
Application Details	
Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
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.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.

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Expiry Date:

12 months

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