Datasheet for ABIN1420897

anti-INIP antibody (AA 1-50) (Cy5.5)

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Overview

Quantity:	100 µL
Target:	INIP
Binding Specificity:	AA 1-50
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INIP antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SOSSC/C9orf80
Isotype:	IgG
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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Target Details

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

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Handling

Expiry Date:	12 months

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