



Anti-INIP (aa 24-93) polyclonal antibody (DPABH-19369)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Component of the SOSS complex, a multiprotein complex that functions downstream of the MRN complex to promote DNA repair and G2/M checkpoint. The SOSS complex associates with single-stranded DNA at DNA lesions and influences diverse endpoints in the cellular DNA damage response including cell-cycle checkpoint activation, recombinational repair and maintenance of genomic stability. Required for efficient homologous recombination-dependent repair of double-strand breaks (DSBs) and ATM-dependent signaling pathways.
Immunogen	antigen sequence: KEKRKLLMQN QSSTNHPGAS IALSRPSLNK DFRDHAEQQH IAAQQKAALQ HAAHSSGYF ITQDSAFGNL, corresponding to amino acids 24-93 of Human C9orf80.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ICC/IF, WB, IHC-P
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
Preservative	0.02% Sodium Azide

Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	INIP INTS4 and NABP interacting protein [Homo sapiens]
Official Symbol	INIP
Synonyms	INIP; INTS3 and NABP interacting protein; MISE; SOSSC; SSBIP1; C9orf80; HSPC043; hSSBIP1; SOSS complex subunit C; SOSS-C; SSB-interacting protein 1; sensor of ssDNA subunit C; hSSB-interacting protein 1; INTS3- and NABP-interacting protein; minute INTS3/hSSB-associated element; sensor of single-strand DNA complex subunit C; single-stranded DNA-binding protein-interacting protein 1;
Entrez Gene ID	58493
Protein Refseq	NP_067041.1
UniProt ID	Q9NRY2
Function	protein binding;