



Anti-NABP1 (full length) polyclonal antibody (DPABH-01397)

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. In the SOSS complex, acts as a sensor of single-stranded DNA that binds to single-stranded DNA, in particular to polypyrimidines. The SOSS complex associates with 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	Recombinant full length Human OBFC2A (NM_001031716; NP_001026886).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, IHC-P, ICC/IF
Format	Liquid
Size	200 µl
Buffer	Constituents: PBS, pH 7.2
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	NABP1 nucleic acid binding protein 2 [Homo sapiens]
Official Symbol	NABP1
Synonyms	NABP1; nucleic acid binding protein 1; SSB2; OBFC2A; SOSS-B2; SOSS complex subunit B2; sensor of ssDNA subunit B2; nucleic acid-binding protein 1; single-stranded DNA-binding protein 2; sensor of single-strand DNA complex subunit B2; oligonucleotide/oligosaccharide-binding fold containing 2A; oligonucleotide/oligosaccharide-binding fold-containing protein 2A;
Entrez Gene ID	64859
Protein Refseq	NP_001026886.1
UniProt ID	Q96AH0
Function	RNA binding; single-stranded DNA binding;