

OBFC2A Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57578

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q96AH0
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22423

Additional Information

Gene ID	64859
Other Names	SOSS complex subunit B2, Nucleic acid-binding protein 1, Oligonucleotide/oligosaccharide-binding fold-containing protein 2A, Sensor of single-strand DNA complex subunit B2, Sensor of ssDNA subunit B2, SOSS-B2, Single-stranded DNA-binding protein 2, hSSB2, NABP1, OBFC2A, SSB2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	NABP1
Synonyms	OBFC2A, SSB2
Function	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.
Cellular Location	Nucleus. Note=Localizes to nuclear foci following DNA damage

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.