

**OBFC2A Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57578****Specification**

---

**OBFC2A Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">Q96AH0</a>
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22423

**OBFC2A Polyclonal Antibody - 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

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**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.

**OBFC2A Polyclonal Antibody - 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

**OBFC2A Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**OBFC2A Polyclonal Antibody - Images**