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Datasheet for ABIN7170413

anti-OBFC2A antibody (AA 1-204) (Biotin)

Overview

Quantity:	100 µg
Target:	OBFC2A
Binding Specificity:	AA 1-204
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OBFC2A antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human SOSS complex subunit B2 protein (1-204AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	OBFC2A
Alternative Name:	NABP1 (OBFC2A Products)
Background:	Background: 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

Target Details

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.

Aliases: FLJ13624 antibody, FLJ22833 antibody, hSSB2 antibody, MGC111163 antibody, Nabp1 antibody, Nucleic acid-binding protein 1 antibody, OBFC2A antibody, Oligonucleotide/oligosaccharide binding fold containing 2A antibody, Oligonucleotide/oligosaccharide binding fold containing protein 2A antibody, Oligonucleotide/oligosaccharide-binding fold-containing protein 2A antibody, Sensor of single strand DNA complex subunit B2 antibody, Sensor of single-strand DNA complex subunit B2 antibody, Sensor of ssDNA subunit B2 antibody, Single stranded DNA binding protein 2 antibody, Single-stranded DNA-binding protein 2 antibody, SOSB2_HUMAN antibody, SOSS B2 antibody, SOSS complex subunit B2 antibody, SOSS-B2 antibody, SSB2 antibody

UniProt: [Q96AH0](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.