

ARG57895 anti-SSBP1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SSBP1
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SSBP1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-148 of Human SSBP1 (NP_001243442.1).
Conjugation	Un-conjugated
Alternate Names	SSBP; mtSSB; PWP1-interacting protein 17; MtSSB; SOSS-B1; Mt-SSB; Single-stranded DNA-binding protein, mitochondrial

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:100
	IP	Assay-dependent
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	SW620	
Observed Size	15 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

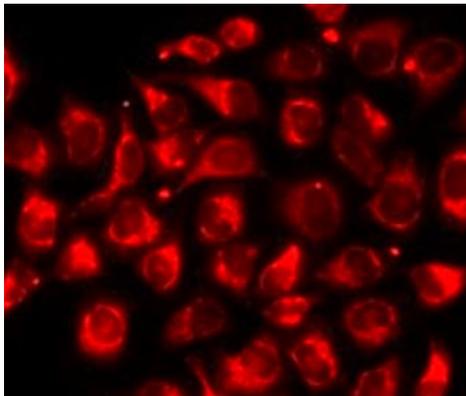
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

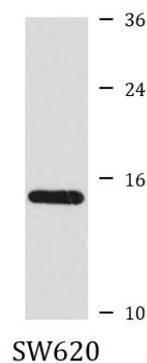
Gene Symbol	SSBP1
Gene Full Name	single-stranded DNA binding protein 1, mitochondrial
Background	SSBP1 is a housekeeping gene involved in mitochondrial biogenesis (Tiranti et al., 1995 [PubMed 7789991]). It is also a subunit of a single-stranded DNA (ssDNA)-binding complex involved in the maintenance of genome stability (Huang et al., 2009) [PubMed 19683501].[supplied by OMIM, Feb 2010]
Function	This protein binds preferentially and cooperatively to ss-DNA. Probably involved in mitochondrial DNA replication. Associates with mitochondrial DNA. [UniProt]
Calculated Mw	17 kDa
Cellular Localization	Mitochondrion, Mitochondrion matrix, mitochondrion nucleoid. [UniProt]

Images



ARG57895 anti-SSBP1 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG57895 anti-SSBP1 antibody.



ARG57895 anti-SSBP1 antibody WB image

Western blot: 25 µg of SW620 cell lysate stained with ARG57895 anti-SSBP1 antibody at 1:1000 dilution.

ARG57895 anti-SSBP1 antibody IP image

Immunoprecipitation: 200 µg extracts of MCF7 cells were immunoprecipitated and stained with ARG57895 anti-SSBP1 antibody at 1:1000 dilution.

