SSBP1 Rabbit pAb

Catalog No.: A6987



Basic Information

Observed MW

17kDa

Calculated MW

17kDa

Category

Primary antibody

Applications

WB,IF/ICC,IP,ELISA

Cross-Reactivity

Human, Mouse

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].

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:100

IP0.5μg-4μg antibody for

200μg-400μg extracts of

whole cells

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID Swiss Prot6742
Q04837

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

SSBP; OPA13; mtSSB; Mt-SSB; SOSS-B1; SSBP1

Contact

<u>a</u>		400-999-6126
\bowtie		cn.market@abclonal.com.cn
\odot	T	www.abclonal.com.cn

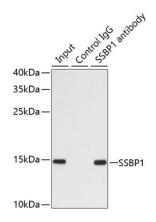
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

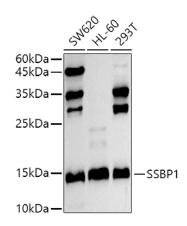
Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Immunoprecipitation analysis of 200 μg extracts of MCF7 cells using 1 μg SSBP1 antibody (A6987). Western blot was performed from the immunoprecipitate using SSBP1 antibody (A6987) at a dilution of 1:1000.



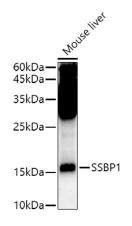
Western blot analysis of various lysates using SSBP1 Rabbit pAb (A6987) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.

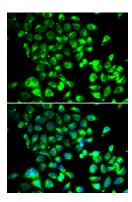


Western blot analysis of lysates from Mouse liver, using SSBP1 Rabbit pAb (A6987) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: $25\mu g$ per lane.

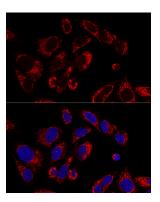
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 90s.



Immunofluorescence analysis of U2OS cells using SSBP1 Rabbit pAb (A6987). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of U2OS cells using SSBP1 Rabbit pAb (A6987) at dilution of 1:100. Blue: DAPI for nuclear staining.