

Anti-SSBP1 Antibody

ER65031



Product Type:	Rabbit polyclonal IgG, primary antibodies
Species reactivity:	Human, Mouse, Rat
Applications:	WB, IHC-P, IF-cell
Molecular Wt:	17 kDa

Description: Binds preferentially and cooperatively to pyrimidine rich single-stranded DNA (ss-DNA). In vitro, required to maintain the copy number of mitochondrial DNA (mtDNA) and plays crucial roles during mtDNA replication that stimulate activity of the replisome components POLG and TWNK at the replication fork. Promotes the activity of the gamma complex polymerase POLG, largely by organizing the template DNA and eliminating secondary structures to favor ss-DNA conformations that facilitate POLG activity. In addition it is able to promote the 5'-3' unwinding activity of the mtDNA helicase TWNK. May also function in mtDNA repair.

Immunogen: The antiserum was produced against synthesized peptide derived from human MtSSB. AA range:99-148

Positive control: Amygdala,Brain,Cervix,Prostate,

Subcellular location: Mitochondrion.

Database links: SwissProt: Q04837 Human

Recommended Dilutions:

WB	1:500-1:2000
IHC-P	1:100-1:300
IF-cell	1:100-1:500

Storage Buffer: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Purity: Immunogen affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

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Images



Fig1: Western Blot analysis of HUVEC cell lysate using SSBP1 Polyclonal Antibody.

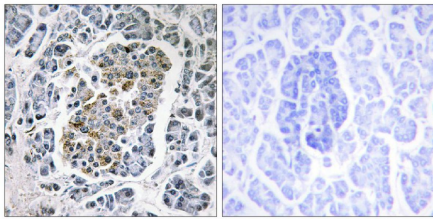


Fig2: Immunohistochemistry analysis of paraffin-embedded human pancreas tissue, using SSBP1 Antibody. The picture on the right is blocked with the synthesized peptide.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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