

SSBP1 Polyclonal Antibody

Catalog number: 12212-1-AP

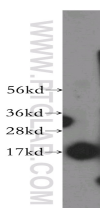
Size: 21 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

SSBP1; Mt SSB, MtSSB, PWP1
interacting protein 17, SSBP,
SSBP1



A375 cells were subjected to SDS PAGE followed by western blot with 12212-1-AP(SSBP1 antibody) at dilution of 1:500

Background

SSBP1 is a housekeeping gene involved in mitochondrial biogenesis. It binds preferentially and cooperatively to ss-DNA in the maintenance of genome stability. SSBP1 acted as a homotetramer to stabilize the displaced single strand of the normal and expanded displacement loop (D loop) during mtDNA replication, thus preventing formation of secondary single-stranded DNA structures, which could stop the gamma-DNA polymerase

Applications

Tested applications:	ELISA, WB
Cited applications:	ChIP, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated SSBP1 MW:	148aa, 17 kDa
Observed SSBP1 MW:	17 kDa
Positive WB detected in	A375 cells, mouse pancreas tissue, rat pancreas tissue
Recommended dilution:	WB: 1:1000-1:10000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2860
GenBank accession number:	BC000895
Gene ID (NCBI):	6742
Full name:	Single-stranded DNA binding protein 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.