



SSBP1 Monoclonal Antibody

Catalog No	YP-mAb-02049
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SSBP1
Immunogen	The antiserum was produced against synthesized peptide derived from human MtSSB. AA range:99-148
Specificity	SSBP1 Monoclonal Antibody detects endogenous levels of SSBP1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Mt SSB;MtSSB;Mt-SSB;PWP1 interacting protein 17;PWP1-interacting protein 17;SSBP1;Single-stranded DNA-binding protein mitochondrial;SSBP;Single-stranded DNA-binding protein;mitochondrial
Observed Band	17kD
Calculated Molecular Weight	17kD
Cell Pathway	Mitochondrion . Mitochondrion matrix, mitochondrion nucleoid .
Tissue Specificity	Expressed in retinal ganglion cells, photoreceptors, pigmented epithelium and fibroblasts (at protein level).
Function	function:This protein binds preferentially and cooperatively to ss-DNA. Probably involved in mitochondrial DNA replication.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 SSB domain., subunit:Homotetramer.,
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],



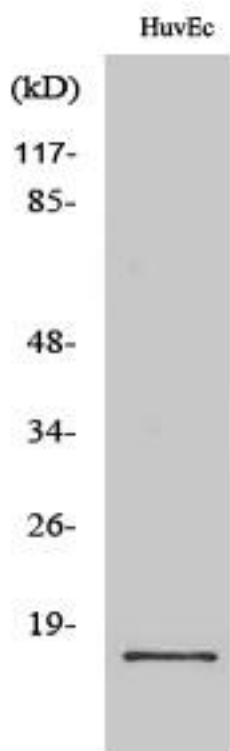
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using SSBP1 Monoclonal Antibody