

# SSBP1 Antibody (monoclonal) (M10)

Mouse monoclonal antibody raised against a full length recombinant SSBP1.

Catalog # AT4043a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q04837</a>
<b>Other Accession</b>	<a href="#">BC000895</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Kappa
<b>Clone Names</b>	4C1
<b>Calculated MW</b>	17260

## Additional Information

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<b>Gene ID</b>	6742
<b>Other Names</b>	Single-stranded DNA-binding protein, mitochondrial, Mt-SSB, MtSSB, PWP1-interacting protein 17, SSBP1, SSBP
<b>Target/Specificity</b>	SSBP1 (AAH00895, 1 a.a. ~ 148 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	SSBP1 Antibody (monoclonal) (M10) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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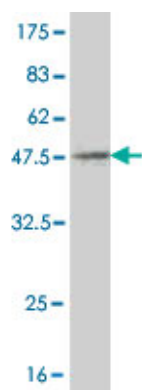
SSBP1 is a housekeeping gene involved in mitochondrial biogenesis (Tiranti et al., 1995 [PubMed 7789991]). It is also a subunit of a single-stranded DNA (ssDNA)-binding complex involved in the maintenance of genome stability (Huang et al., 2009) [PubMed 19683501].

## References

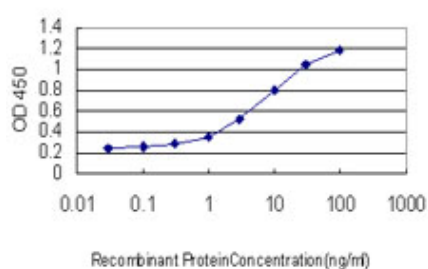
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1. Involvement of p53 in cell death following cell cycle arrest and mitotic catastrophe induced by rotenone. Goncalves AP, Maximo V, Lima J, Singh KK, Soares P, Videira A. Biochim Biophys Acta. 2011 Jan 9. [Epub ahead of print]

## Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (42.02 KDa) .



Detection limit for recombinant GST tagged SSBP1 is approximately 0.3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.