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SSBP1 Antibody (monoclonal) (M10)

Mouse monoclonal antibody raised against a full length recombinant SSBP1.
Catalog # AT4043a

Product Information

Application	WB, E
Primary Accession	Q04837
Other Accession	BC000895
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4C1
Calculated MW	17260

Additional Information

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

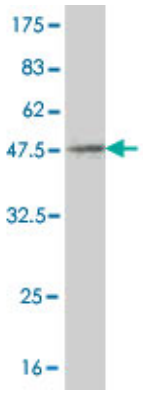
Background

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].

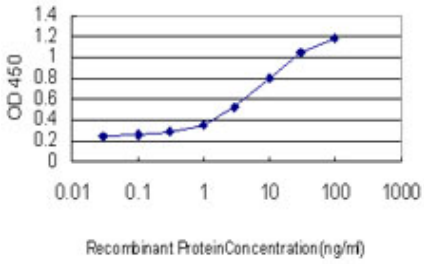
References

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'.