SPZ1 Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	SPZ1, Polyclonal Antibody
Full Product Name	SPZ1 Polyclonal Antibody
Product Gene Name	anti-SPZ1 antibody
Clonality	Polyclonal
Molecular Weight	49,445 Da
3D Structure	ModBase 3D Structure for Q9BXG8
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-SPZ1 antibody	MBS8525371 is an antibody targeting SPZ1. Also known as SPZ1 Polyclonal Antibody.
Other Notes	Small volumes of anti-SPZ1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SPZ1. It may not necessarily be applicable to this product.

NCBI GI #	229608967
NCBI GeneID	84654
NCBI Accession #	NP_115956.3
UniProt Primary Accession #	Q9BXG8
UniProt Secondary Accession #	Q8N4P1; Q8N7E9; B2RA21
UniProt Related Accession #	Q9BXG8
GenBank Nucleotide #	NM_032567.3
NCBI Official Full Name	spermatogenic leucine zipper protein 1
NCBI Official Synonym Full Names	spermatogenic leucine zipper 1
NCBI Official Symbol	SPZ1
NCBI Official Synonym Symbols	NYD-TSP1; PPP1R148
UniProt Protein Name	Spermatogenic leucine zipper protein 1
UniProt Synonym Protein Names	Testis-specific protein 1; Testis-specific protein NYD-TSP1
Protein Family	Spermatogenic leucine zipper protein
UniProt Gene Name	SPZ1
UniProt Synonym Gene Names	TSP1
NCBI Protein Information	spermatogenic leucine zipper protein 1

NCBI Summary for SPZ1	This gene encodes a bHLH-zip transcription factor which functions in the mitogen-activate protein kinase (MAPK) signaling pathway. Because of its role in the upregulation of cell proliferation and tumorigenesis, this gene may serve as a target for Ras-induced tumor treatments. [provided by RefSeq, Oct 2011]
UniProt Comments for SPZ1	Transcription factor that binds to the DNA sequence 5'-CANNTG-3'(E box) and the G-box motif. May play an important role in the regulation of cell proliferation and differentiation during spermatogenesis ().
Research Articles on SPZ1	**1.** SPZ1 promotes epithelial-mesenchymal transition (EMT) by trans-activating the gene of TWIST1. A clinical analysis showed a marker association of SPZ1 and TWIST1 with induction of tumorigenesis in HCC patients.
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