



SPZ1 Monoclonal Antibody

Catalog No	YP-mAb-03189
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SPZ1
Immunogen	The antiserum was produced against synthesized peptide derived from human SPZ1. AA range:111-160
Specificity	SPZ1 Monoclonal Antibody detects endogenous levels of SPZ1 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	NYD TSP1;spermatogenic leucine zipper 1;SPZ1;Testis specific protein 1;TSP1; Spermatogenic leucine zipper protein 1;Testis-specific protein 1;Testis-specific protein NYD-TSP1
Observed Band	133kD
Calculated Molecular Weight	133kD
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Specifically and strongly expressed in the testis. Expressed in several tumor cell lines.
Function	function: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.,PTM:Phosphorylated by ERK1 and ERK2.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain., subunit:Interacts with PPP1CC isoform gamma-2.,tissue specificity:Specifically and strongly expressed in the testis. Expressed in several tumor cell lines.,

**Background**

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],

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