

Datasheet for ABIN7075701

anti-SPZ1 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	SPZ1
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPZ1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse SPZ1
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	SPZ1
Alternative Name:	SPZ1 (SPZ1 Products)
Background:	Spermatogenic leucine zipper protein 1 is a member of the basic helix-loop-helix (bHLH) family of transcription factors which is expressed specifically in the testis and epididymis. Studies show that SPZ1 acts downstream of mitogen-activated protein kinase (MAPK), an extracellular signal-regulated kinase 1/2 to up-regulate cell proliferation and tumorigenesis. Also, through an interaction with proliferating cell nuclear antigen (PCNA) promoter, SPZ1 induced cell

Target Details

	proliferation concomitant with an increase in PCNA gene expression.
Molecular Weight:	43 kDa
Gene ID:	79401
NCBI Accession:	NP_084513
UniProt:	Q99MY0
Pathways:	MAPK Signaling

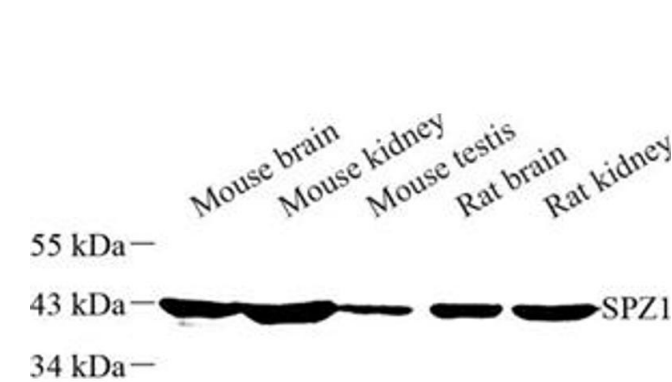
Application Details

Application Notes:	WB (M,R) 1:500-1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Images



Western Blotting

Image 1. Western blot analysis of SPZ1 (ABIN7075701) at dilution of 1: 500