

PATZ1 rabbit pAb

Catalog No :	YT6601
Reactivity :	Human;Mouse
Applications :	WB
Target :	PATZ1
Gene Name :	PATZ1 PATZ RIAZ ZBTB19 ZNF278 ZSG
Protein Name :	PATZ1
Human Gene Id :	23598
Human Swiss Prot No :	Q9HBE1
Immunogen :	Synthesized peptide derived from human PATZ1 AA range: 535-585
Specificity :	This antibody detects endogenous levels of PATZ1 at Human
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	76kD
Background :	The protein encoded by this gene contains an A-T hook DNA binding motif which usually binds to other DNA binding structures to play an important role in chromatin modeling and transcription regulation. Its Poz domain is thought to

function as a site for protein-protein interaction and is required for transcriptional repression, and the zinc-fingers comprise the DNA binding domain. Since the encoded protein has typical features of a transcription factor, it is postulated to be a repressor of gene expression. In small round cell sarcoma, this gene is fused to EWS by a small inversion of 22q, then the hybrid is thought to be translocated (t(1;22)(p36.1;q12). The rearrangement of chromosome 22 involves intron 8 of EWS and exon 1 of this gene creating a chimeric sequence containing the transactivation domain of EWS fused to zinc finger domain of this protein. This is a distinct example of an intra-chromosomal rearrangement of chromosome 22. Four alternatively spliced transcript variants are described for this gene. [provided by RefSeq, Jul 2008],

Function :

disease:A chromosomal aberration involving PATZ1 is associated with small round cell sarcoma. Translocation t(1;22)(p36.1;q12) with EWSR1.,function:Transcriptional repressor.,similarity:Belongs to the krueppel C2H2-type zinc-finger protein family.,similarity:Contains 1 A.T hook DNA-binding domain.,similarity:Contains 1 BTB (POZ) domain.,similarity:Contains 7 C2H2-type zinc fingers.,tissue specificity:Ubiquitous.,

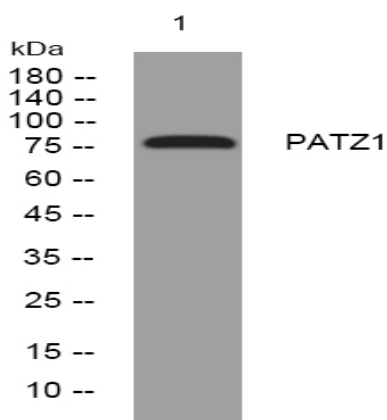
Subcellular Location :

Nucleus .

Expression :

Ubiquitous.

Products Images



Western blot analysis of lysates from HEK293 cells, primary antibody was diluted at 1:1000, 4° over night