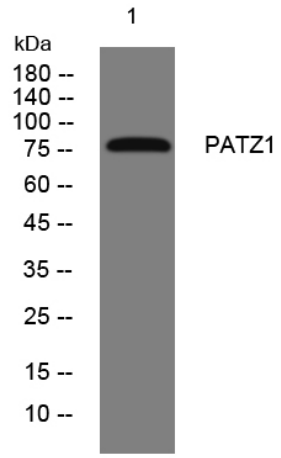
bPATZ1 rabbit pA

Catalog No	YP-Ab-11236
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	PATZ1 PATZ RIAZ ZBTB19 ZNF278 ZSG
Protein Name	PATZ1
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
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1：500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Nucleus .
Tissue Specificity	Ubiquitous.
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.,
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],
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



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