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## Datasheet for ABIN6145252 anti-PATZ1 antibody (AA 250-350)

Image



Overview

Quantity:	100 µL
Target:	PATZ1 (ZNF278)
Binding Specificity:	AA 250-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PATZ1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 250-350 of
	human PATZ1 (NP_114440.1).
Sequence:	PFPSVASSAP PLTGKRGRGR PRKANLLDSM FGSPGGLREA GILPCGLCGK VFTDANRLRQ
	HEAQHGVTSL QLGYIDLPPP RLGENGLPIS EDPDGPRKRS R

Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Target Details	

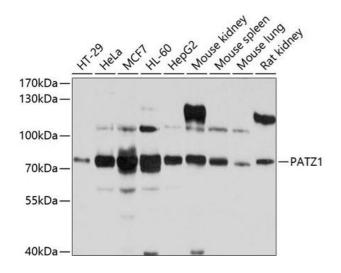
Target:

PATZ1 (ZNF278)

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Target Details	
Alternative Name:	PATZ1 (ZNF278 Products)
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.,PATZ1,MAZR,PATZ,RIAZ,ZBTB19,ZNF278,ZSG,dJ400N23,Epigenetics & Nuclear Signaling,Transcription Factors,Cancer,PATZ1
Molecular Weight:	57 kDa/69 kDa/74 kDa
Gene ID:	23598
UniProt: Application Details	Q9HBE1
Application Notes:	WB,1:1000 - 1:4000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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## Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using P antibody (ABIN6132856, ABIN6145252, ABIN6145253 and ABIN6214168) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 15s.

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