

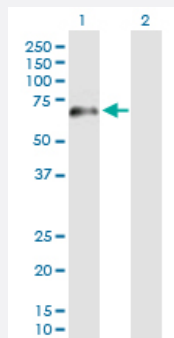
MaxPab®

ZNF278 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00023598-B01P

Size 50 ug

Applications

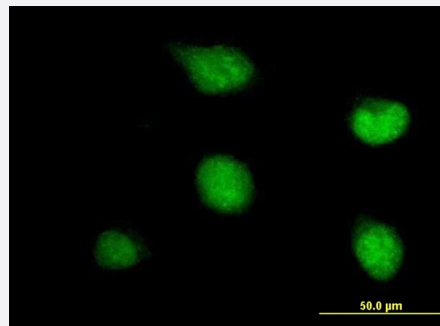


Western Blot (Transfected lysate)

Western Blot analysis of PATZ1 expression in transfected 293T cell line ([H00023598-T01](#)) by PATZ1 MaxPab polyclonal antibody.

Lane 1: ZNF278 transfected lysate(59.07 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ZNF278 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ZNF278 protein.

Immunogen

ZNF278 (NP_114440.1, 1 a.a. ~ 537 a.a) full-length human protein.

Sequence	MERVNDASCGPSGCTYQVSRHSTEMLHNLNQQRKNGGRFCDVLLRVGDESFPAAHRAVLAACS EYFESVFSAQLGDGGAADGGPADVGGATAAPGGGAGGSRELEMHTISSKVFGDILDFAYTSRIV RLESFPELMTAAKFLLMRSVIEICQEVIKQSNVQILVPPARADIMLFRPPGTSDLGFPLDMTNGAAL AANSNGIAGSMQPEEEAARAAGAAIAGQASLPVLPVGVDRDLPVAGPLSPQLLTSPFPSVASSAP PLTGKRGRGRPRKANLLDSMFGSPGGLREAGILPCGLCGKVFTDANRLRQHEAQHGVTSLQLGY DLPPPRLGENGLPISEDPDGPRKRSRTRKQVACEICGKIFRDVYHLNRHKLSHSGEKPYS CPVCG LRFKRKDRMSYHVRSHDGSVGKPYICQSCGKFSRPDHLNGHIKQVHTSERPHKCQVWVGSSS GLPPLEPLPSDLPSWDFAPALWRSSHVPDTAFSLSLKKSFPALLENLGAHSSNTLFCPAPPG YLRQGWTTPEGSRAFTQWPVG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (99)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ZNF278 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — PATZ1

Entrez GeneID	23598
GeneBank Accession#	NM_032051.1
Protein Accession#	NP_114440.1
Gene Name	PATZ1

Gene Alias	MAZR, PATZ, RIAZ, ZBTB19, ZNF278, ZSG, dJ400N23
Gene Description	POZ (BTB) and AT hook containing zinc finger 1
Omim ID	605165
Gene Ontology	Hyperlink
Gene Summary	<p>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 2 2q, 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]</p>
Other Designations	BTB-POZ domain zinc finger transcription factor MAZ-related factor POZ-AT hook-zinc finger protein zinc finger protein 278

Disease

- [Azoospermia](#)
- [Genetic Predisposition to Disease](#)