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# PATZ1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11490

## Product Information

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| **Application** | WB |
| **Primary Accession** | Q9HBE1 |
| **Other Accession** | NM_014323, NP_055138 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine |
| **Predicted** | Human, Mouse, Rabbit, Pig, Chicken, Dog, Horse, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 74060 |

## Additional Information

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| **Gene ID** | 23598 |
| **Alias Symbol** | MAZR, PATZ, RIAZ, ZBTB19, ZNF278, ZSG, dJ400N23 |
| **Other Names** | POZ-, AT hook-, and zinc finger-containing protein 1, BTB/POZ domain zinc finger transcription factor, Protein kinase A RI subunit alpha-associated protein, Zinc finger and BTB domain-containing protein 19, Zinc finger protein 278, Zinc finger sarcoma gene protein, PATZ1, PATZ, RIAZ, ZBTB19, ZNF278, ZSG |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Reconstitution & Storage** | Add 50 ul of distilled water. Final anti-PATZ1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| **Precautions** | PATZ1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | PATZ1 |
| **Synonyms** | PATZ, RIAZ, ZBTB19, ZNF278, ZSG |
| **Function** | Transcriptional regulator that plays a role in many biological processes such as embryogenesis, senescence, T-cell development or neurogenesis (PubMed:10713105, PubMed:25755280, PubMed:31875552). Interacts with the TP53 protein to control genes that are important in proliferation and in the DNA-damage response. Mechanistically, the interaction inhibits the DNA |

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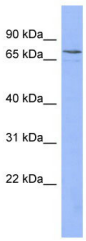
| | binding and transcriptional activity of TP53/p53 (PubMed:25755280). Part of the transcriptional network modulating regulatory T-cell development and controls the generation of the regulatory T-cell pool under homeostatic conditions (PubMed:31875552). |
| **Cellular Location** | Nucleus. |
| **Tissue Location** | Ubiquitous. |

## References

Fedele,M., (2008) J. Pathol. 215 (1), 39-47 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

## Images




WB Suggested Anti-PATZ1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: HT1080 cell lysate
There is BioGPS gene expression data showing that PATZ1 is expressed in HT1080

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.