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PATZ1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11490

Specification

PATZ1 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q9HBE1
Other Accession	NM_014323, NP_055138
Reactivity	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog**
Predicted	**Human, Mouse, Rabbit, Pig, Chicken, Horse, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**74kDa KDa**

PATZ1 antibody - N-terminal region - Additional Information

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.

PATZ1 antibody - N-terminal region - Protein Information

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 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.

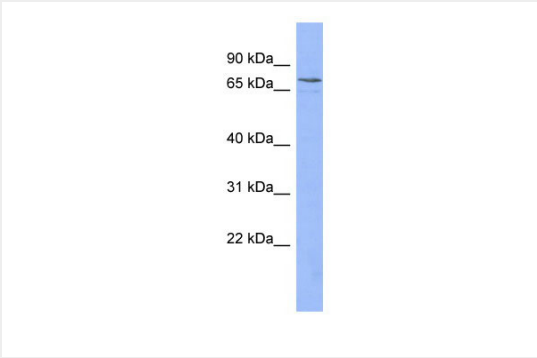
Tissue Location
Ubiquitous.

PATZ1 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PATZ1 antibody - N-terminal region - 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

PATZ1 antibody - N-terminal region - 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.