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# POGZ/ZNF635 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54954

## Product Information

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|---|---|
| **Application** | IHC-P, IHC-F, IF, ICC, E |
| **Primary Accession** | Q7Z3K3 |
| **Reactivity** | Rat, Pig, Dog, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 155344 |

## Additional Information

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| **Gene ID** | 23126 |
| **Other Names** | Pogo transposable element with ZNF domain, Suppressor of hairy wing homolog 5, Zinc finger protein 280E, Zinc finger protein 635, POGZ, KIAA0461, SUHW5, ZNF280E, ZNF635 |
| **Dilution** | IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| **Name** | POGZ |
| **Synonyms** | KIAA0461, SUHW5, ZNF280E, ZNF635 |
| **Function** | Plays a role in mitotic cell cycle progression and is involved in kinetochore assembly and mitotic sister chromatid cohesion. Probably through its association with CBX5 plays a role in mitotic chromosome segregation by regulating aurora kinase B/AURKB activation and AURKB and CBX5 dissociation from chromosome arms (PubMed:20562864). Promotes the repair of DNA double-strand breaks through the homologous recombination pathway (PubMed:26721387). |
| **Cellular Location** | Nucleus. Chromosome. Cytoplasm. Note=According to some authors, it is not localized to mitotic chromatin (PubMed:19244240). Recruited to trimethylated 'Lys-9' of histone H3 (H3K9me3) |

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