

POGZ/ZNF635 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP54954

Product Information

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

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
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
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

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'.