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Anti-POGZ Antibody (N-Terminus)

Rabbit Anti Mouse Polyclonal Antibody
Catalog # ALS17889

Product Information

Application	WB, IHC-P, E
Primary Accession	Q7Z3K3
Predicted	Human, Mouse, Rat, Chicken, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	155344

Additional Information

Gene ID	23126
Alias Symbol	POGZ
Other Names	POGZ, KIAA0461, SUHW5, ZNF280E, Zinc finger protein 280E, ZNF635m, Zinc finger protein 635, ZNF635
Target/Specificity	This antibody is known to react with mouse Pogz protein. A BLAST analysis was used to suggest cross-reactivity with Pogz from human, dog, short-tailed opossum, cattle, rat, chimpanzee, macaque, olive baboon, and chicken sources based on 100% homology ...
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-POGZ Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

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)