

Anti-POGZ Antibody (N-Terminus)
Rabbit Anti Mouse Polyclonal Antibody
Catalog # ALS17889**Specification**

Anti-POGZ Antibody (N-Terminus) - 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

Anti-POGZ Antibody (N-Terminus) - 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.

Anti-POGZ Antibody (N-Terminus) - 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)

Anti-POGZ Antibody (N-Terminus) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-POGZ Antibody (N-Terminus) - Images