

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.

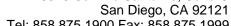
Anti-POGZ Antibody (N-Terminus) - Protein Information

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:<a





href="http://www.uniprot.org/citations/26721387" target="_blank">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
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-POGZ Antibody (N-Terminus) - Images