

# **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

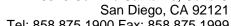
### Name POGZ

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:<a

href="http://www.uniprot.org/citations/20562864" target="\_blank">20562864</a>). 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</a>).

### **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**