

POGZ antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10448**Specification****POGZ antibody - middle region - Product Information**

Application	WB
Primary Accession	Q7Z3K3
Other Accession	NM_145796 , NP_665739
Reactivity	Human, Mouse, Rat, Pig, Horse, Bovine, Dog
Predicted	Human, Mouse, Rat, Pig, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38kDa KDa

POGZ antibody - middle region - Additional Information**Gene ID** 23126**Alias Symbol** KIAA0461, MGC71543, SUHW5, ZNF280E, ZNF635, ZNF635m**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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-POGZ antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

POGZ antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

POGZ antibody - middle region - 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)

POGZ antibody - middle region - 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](#)

