

Psmd10 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13949**Specification**

Psmd10 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9Z2X2
Other Accession	NM_016883 , NP_058579
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25kDa kDa

Psmd10 antibody - N-terminal region - Additional Information**Gene ID** 53380**Alias Symbol** **AW554874****Other Names**

26S proteasome non-ATPase regulatory subunit 10, 26S proteasome regulatory subunit p28, Gankyrin, Psmd10

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-Psmd10 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

Psmd10 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Psmd10 antibody - N-terminal region - Protein Information**Name** Psmd10**Function**

Acts as a chaperone during the assembly of the 26S proteasome, specifically of the PA700/19S regulatory complex (RC). In the initial step of the base subcomplex assembly is part of an intermediate PSMD10:PSMC4:PSMC5:PAAF1 module which probably assembles with a PSMD5:PSMC2:PSMC1:PSMD2 module (By similarity). Independently of the proteasome, regulates EGF-induced AKT activation through inhibition of the RHOA/ROCK/PTEN pathway, leading to prolonged AKT activation. Plays an important role in RAS-induced tumorigenesis.

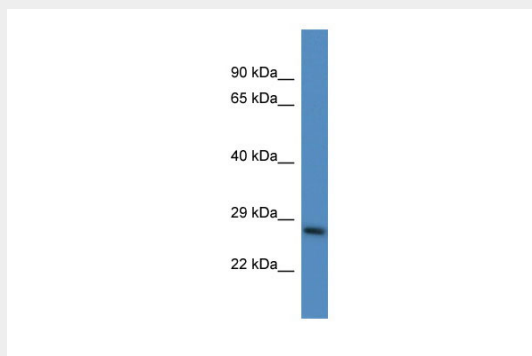
Cellular Location

Cytoplasm. Nucleus.

Psm10 antibody - N-terminal 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](#)

Psm10 antibody - N-terminal region - Images

WB Suggested Anti-Psm10 Antibody Titration: 1.0 µg/ml

Positive Control: Mouse Liver

Psm10 antibody - N-terminal region - References

Higashitsuji H., et al. Submitted (JAN-1999) to the EMBL/GenBank/DDBJ databases.
Carninci P., et al. Science 309:1559-1563(2005).
Church D.M., et al. PLoS Biol. 7:E1000112-E1000112(2009).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Man J.H., et al. J. Clin. Invest. 120:2829-2841(2010).