

PSMG2 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15531**Specification**

PSMG2 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O969U7
Other Accession	NM_020232 , NP_064617
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Goat, Sheep, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Goat, Sheep, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29kDa kDa

PSMG2 Antibody - C-terminal region - Additional Information**Gene ID** 56984**Alias Symbol** **CLAST3, HCCA3, HsT1707, MDS003, PAC2, TNFSF5IP1****Other Names**

Proteasome assembly chaperone 2, PAC-2, Hepatocellular carcinoma-susceptibility protein 3, Tumor necrosis factor superfamily member 5-induced protein 1, PSMG2
{ECO:0000312|EMBL:AAH13356.1}

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-PSMG2 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

PSMG2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

PSMG2 Antibody - C-terminal region - Protein Information**Name** PSMG2 {ECO:0000312|EMBL:AAH13356.1}**Function**

Chaperone protein which promotes assembly of the 20S proteasome as part of a heterodimer with PSMG1. The PSMG1-PSMG2 heterodimer binds to the PSMA5 and PSMA7 proteasome subunits, promotes assembly of the proteasome alpha subunits into the heteroheptameric alpha ring and prevents alpha ring dimerization.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q9EST4}.

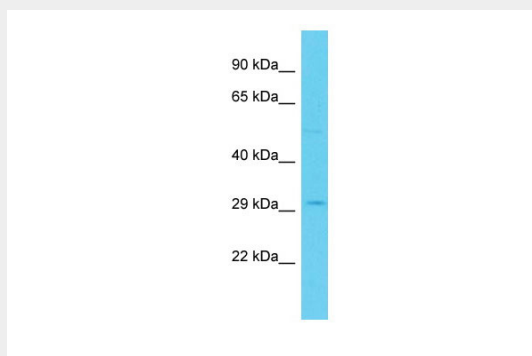
Tissue Location

Widely expressed with highest levels in lung, brain and colon. Moderately expressed in muscle, stomach, spleen and heart Weakly expressed in small intestine, pancreas and liver. Highly expressed in hepatocellular carcinomas with low levels in surrounding liver tissue.

PSMG2 Antibody - C-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](#)

PSMG2 Antibody - C-terminal region - Images

Host: Rabbit

Target Name: PSMG2

Sample Tissue: HT1080 Whole cell lysate

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Antibody Dilution: 1.0µg/ml

PSMG2 Antibody - C-terminal region - References

Gu J.,et al.Hematol. J. 1:206-217(2000).
Wang Z.-X.,et al.World J. Gastroenterol. 7:821-825(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Nusbaum C.,et al.Nature 437:551-555(2005).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.