

PSMG2 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15531

Product Information

Application	WB
Primary Accession	Q969U7
Other Accession	NM_020232 , NP_064617
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Goat, Dog, Guinea Pig, Horse, Bovine, Sheep
Predicted	Human, Mouse, Rat, Rabbit, Pig, Goat, Dog, Guinea Pig, Horse, Bovine, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29396

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.

Protein Information

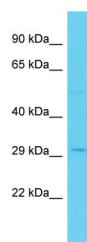
Name	PSMG2 {ECO:0000312 EMBL:AAH13356.1}
Function	Chaperone protein which promotes assembly of the 20S proteasome as part of a heterodimer with PSMG1. The PSMG1-PSMG2 heterodimer binds to the PSMA5 and PSMA7 proteasome subunits, promotes assembly of the proteasome alpha subunits into the heteroheptameric 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.

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.

Images



Host: Rabbit
Target Name: PSMG2
Sample Tissue: HT1080 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.