

PSMG2/HCCA3 Rabbit pAb

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Catalog # AP57583

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q969U7
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29396
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PSMG2/HCCA3
Epitope Specificity	101-200/264
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	56984
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}
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

Background

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