

ARG56299 anti-PSMD7 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PSMD7
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PSMD7
Species	Human
Immunogen	Recombinant protein of Human PSMD7
Conjugation	Un-conjugated
Alternate Names	26S proteasome regulatory subunit RPN8; Rpn8; S12; Proteasome subunit p40; Mov34 protein homolog; 26S proteasome non-ATPase regulatory subunit 7; MOV34; 26S proteasome regulatory subunit S12; P40

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	SW620	

Properties

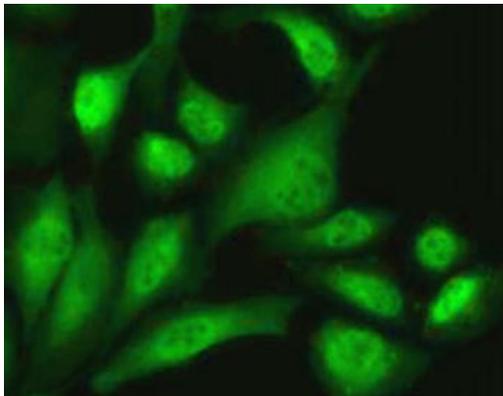
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

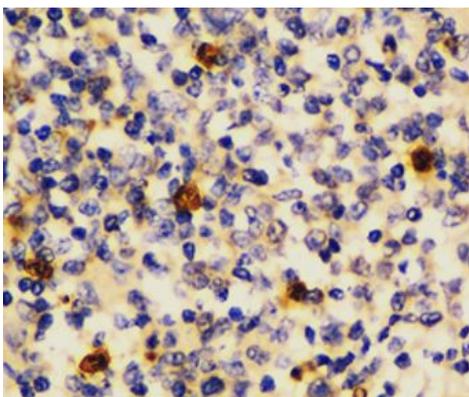
Database links	GeneID: 17463 Mouse GeneID: 5713 Human Swiss-port # P26516 Mouse Swiss-port # P51665 Human
Gene Symbol	PSMD7
Gene Full Name	proteasome (prosome, macropain) 26S subunit, non-ATPase, 7
Background	The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a non-ATPase subunit of the 19S regulator. A pseudogene has been identified on chromosome 17. [provided by RefSeq, Jul 2008]
Function	Acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins. [UniProt]
Calculated Mw	37 kDa

Images



ARG56299 anti-PSMD7 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG56299 anti-PSMD7 antibody.

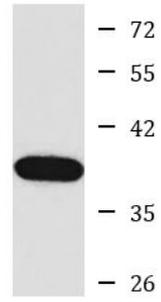


ARG56299 anti-PSMD7 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse spleen stained with ARG56299 anti-PSMD7 antibody at 1:100 dilution.

ARG56299 anti-PSMD7 antibody WB image

Western blot: SW620 cell lysate stained with ARG56299 anti-PSMD7 antibody.



SW620
