SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-PSMD14/Biotin Conjugated antibody

Catalog Number: SL19469R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-PSMD14/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from human PSMD14
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse,Rat(predicted:Chicken,Pig,Cow,Horse,Rabbit,Zebrafish,Sheep)
Background:	background: This gene encodes a component of the 26S proteasome. The 26S proteasome is a large multiprotein complex that catalyzes the degradation of ubiquitinated intracellular proteins. The encoded protein is a component of the 19S regulatory cap complex of the 26S proteasome and mediates substrate deubiquitination. A pseudogene of this gene is also located on the long arm of chromosome 2. [provided by RefSeq, Feb 2012] **Function:** Metalloprotease component of the 26S proteasome that specifically cleaves 'Lys-63'-linked polyubiquitin chains. The 26S proteasome is involved in the ATP-dependent degradation of ubiquitinated proteins. The function of the 'Lys-63'-specific deubiquitination of the proteasome is unclear. **Tissue Specificity:** Widely expressed. Highest levels in heart and skeletal muscle.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Similarity: Belongs to the peptidase M67A family. PSMD14 subfamily. Contains 1 MPN (JAB/Mov34) domain. **Database links:** **Entrez Gene:** 10213 Human **Entrez Gene:** 59029 Mouse **Entrez Gene:** 311078 Rat Omim: 607173 Human **SwissProt:** O00487 Human **SwissProt:** O35593 Mouse **Unigene:** 567410 Human **Unigene:** 218198 Mouse **Unigene:** 161794 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.