



Rabbit Anti-ADRM1 antibody

SL13357R

Product Name:	ADRM1
Chinese Name:	粘附调节分子1抗体
Alias:	110 kDa cell membrane glycoprotein; adhesion regulating molecule 1; Adhesion-regulating molecule 1; ADRM 1; Adrm1; ADRM1_HUMAN; ARM 1; ARM-1; ARM1; GP110; hRpn13; M(r) 110,000 surface antigen; Proteasomal ubiquitin receptor ADRM1; proteasome regulatory particle non ATPase 13; Proteasome regulatory particle non-ATPase 13; Regulatory particle non ATPase 13; Rpn13; Rpn13 homolog.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	42kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ADRM1:21-120/407
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	· ADRM1 is a 407 amino acid protein that localizes to both the nucleus and the cytoplasm and is thought to be involved in protein recruitment and cell adhesion. An integral membrane protein, ADRM1 functions to recruit UCH-L5, a deubiquitinating

enzyme, to the 26S proteasome, and once at the proteasome it promotes the activity of UCH-L5. Additionally, ADRM1 is thought to mediate lymphocyte adhesion in endothelial cells and may thus play a role in lymphocyte homing. ADRM1 expression is induced by IFN-g in some cancer cell lines and its expression is upregulated in other metastatic cells, suggesting a role in carcinogenesis. Two isoforms of ADRM1 exist due to alternative splicing events.

Function:

Functions as a proteasomal ubiquitin receptor. Recruits the deubiquitinating enzyme UCHL5 at the 26S proteasome and promotes its activity.

Subunit:

Interacts with PSMD1, ubiquitin and UCHL5.

Subcellular Location:

Cytoplasm. Nucleus.

Similarity:

Belongs to the ADRM1 family.
Contains 1 PH domain.

SWISS:

Q16186

Gene ID:

11047

Database links:

[Entrez Gene: 11047](#)Human

[Entrez Gene: 56436](#)Mouse

[Omim: 610650](#)Human

[SwissProt: Q16186](#)Human

[SwissProt: Q9JKV1](#)Mouse

[Unigene: 90107](#)Human

[Unigene: 379082](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
--	---

www.sunlongbiotech.com