

Rabbit ADRM1 Polyclonal Antibody | anti-ADRM1 antibody

ADRM1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322967	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

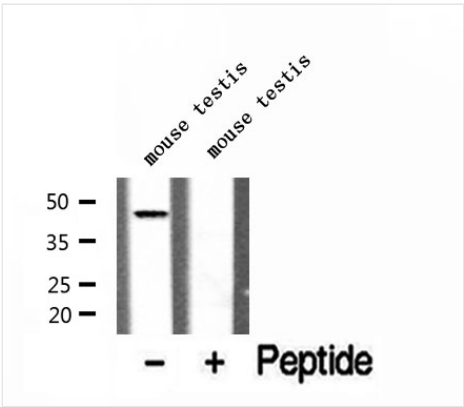
PRODUCT SYNONYMS

ADRM1; Polyclonal Antibody; ADRM1 Antibody; 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; anti-ADRM1 antibody

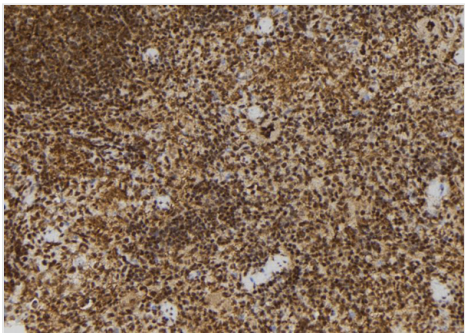
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ADRM1 antibody detects endogenous levels of ADRM1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	368
Applicable Applications for anti-ADRM1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ADRM1.
Subcellular Location	Cytoplasm. Nucleus.
Predicted Cross Reactivity	Zebrafish, Bovine, Horse, Sheep, Dog, Chicken, Xenopus
Similarity	Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

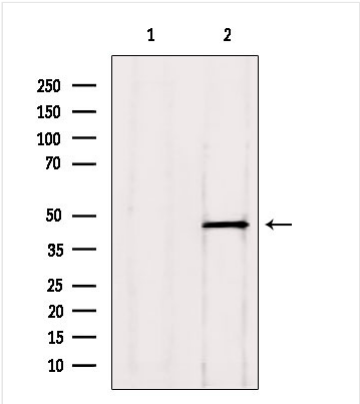
IMAGES



WB (Western Blot)
Western blot analysis of extracts of mouse testis tissue, using ADRM1 antibody.



IHC (Immunohiostchemistry)
AAA322967 at 1/100 staining Mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from HepG2, using ADRM1 antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ADRM1 antibody	Function: Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair. Within the complex, functions as a proteasomal ubiquitin receptor. Engages and activates 19S-associated deubiquitinases UCHL5 and PSMD14 during protein degradation. UCHL5 reversibly associate with the 19S regulatory particle whereas PSMD14 is an intrinsic subunit of the proteasome lid subcomplex. Subunit Structure: Component of the 19S proteasome regulatory particle complex. The 26S proteasome consists of a 20S core particle (CP) and two 19S regulatory subunits (RP) (PubMed:16990800). Interacts with the proteasomal scaffolding protein PSMD1 (PubMed:16990800, PubMed:16815440, PubMed:16906146, PubMed:20471946). Interacts with deubiquitinase UCHL5; this interaction activates the auto-inhibited UCHL5 by deoligomerizing it (PubMed:17139257, PubMed:24752541, PubMed:25702870, PubMed:25702872). Interacts with UBQLN2 and ubiquitin (PubMed:27396824). Similarity: The Pru (pleckstrin-like receptor for ubiquitin) domain mediates interactions with PSMD1 and ubiquitin. Preferential binding to the proximal subunit of K48-linked diubiquitin allows UCHL5 access to the distal subunit. Belongs to the ADRM1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	527122034
NCBI GeneID	11047

NCBI Accession #	NP_001268366.1
NCBI GenBank Nucleotide #	NM_001281437.1
UniProt Accession #	Q16186 ; Q96FJ7 ; Q9H1P2 ; A0PKB1
Molecular Weight	Observed: 46 kDa Predicted: 43 kDa
NCBI Official Full Name	proteasomal ubiquitin receptor ADRM1 isoform 2
NCBI Official Synonym Full Names	adhesion regulating molecule 1
NCBI Official Symbol	ADRM1
NCBI Official Synonym Symbols	ARM1; ARM-1; GP110
NCBI Protein Information	proteasomal ubiquitin receptor ADRM1
UniProt Protein Name	Proteasomal ubiquitin receptor ADRM1
UniProt Gene Name	ADRM1
UniProt Synonym Gene Names	GP110; Gp110; ARM-1; hRpn13

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/adrm1-antibody-immunohistochemistry-western-blot-elisa/322967>