

ARG45546 anti-ADRM1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ADRM1
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Specificity	ADRM1
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ADRM1
Species	Human
Immunogen	Recombinant protein containing to human ADRM1.
Conjugation	Un-conjugated
Alternate Names	ADRM1; adhesion regulating molecule 1; 110 kDa cell membrane glycoprotein; hRpn13; ARM1; ARM-1; Proteasomal ubiquitin receptor ADRM1; Gp110; Adhesion-regulating molecule 1; GP110; Rpn13 homolog; Proteasome regulatory particle non-ATPase 13

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	42 kDa	

Properties

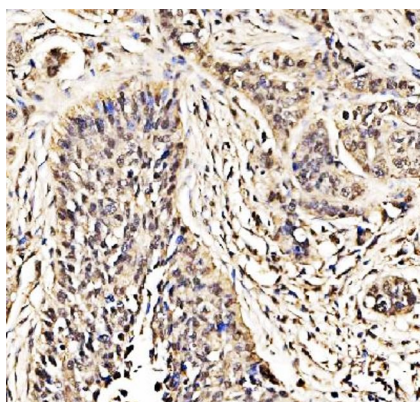
Form	Powder
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml

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 or below. 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

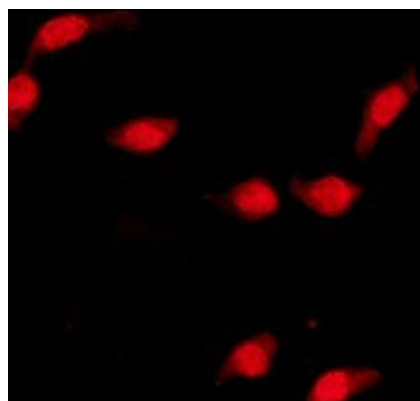
Gene Symbol	ADRM1
Gene Full Name	adhesion regulating molecule 1
Background	This gene encodes a member of the adhesion regulating molecule 1 protein family. The encoded protein is a component of the proteasome where it acts as a ubiquitin receptor and recruits the deubiquitinating enzyme, ubiquitin carboxyl-terminal hydrolase L5. Increased levels of the encoded protein are associated with increased cell adhesion, which is likely an indirect effect of this intracellular protein. Dysregulation of this gene has been implicated in carcinogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Function	Functions as a proteasomal ubiquitin receptor. Recruits the deubiquitinating enzyme UCHL5 at the 26S proteasome and promotes its activity. [UniProt]
Calculated Mw	42 kDa
PTM	Acetylation; Isopeptide bond; Phosphoprotein; Ubl conjugation. [UniProt]
Cellular Localization	Cytoplasm; Nucleus; Proteasome. [UniProt]

Images



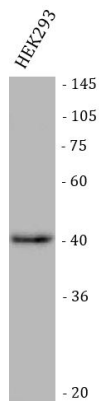
ARG45546 anti-ADRM1 antibody IHC-P image

Immunohistochemistry: Human lung cancer stained with ARG45546 anti-ADRM1 antibody at 2 µg/ml dilution.



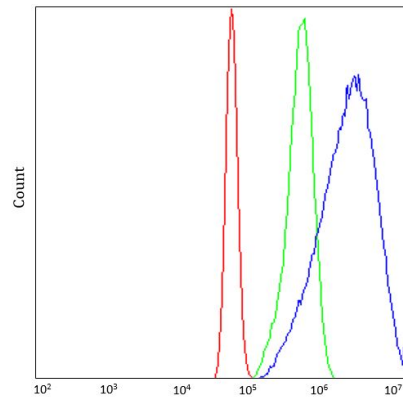
ARG45546 anti-ADRM1 antibody ICC/IF image

Immunofluorescence: CACO-2 stained with ARG45546 anti-ADRM1 antibody at 5 µg/ml dilution.



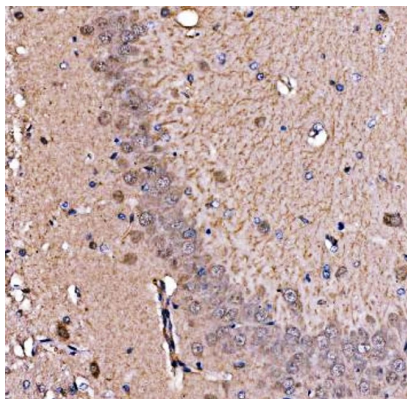
ARG45546 anti-ADRM1 antibody WB image

Western blot: HEK293 stained with ARG45546 anti-ADRM1 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.



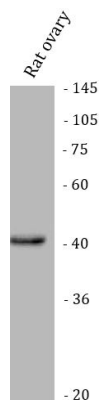
ARG45546 anti-ADRM1 antibody FACS image

Flow Cytometry: A431 stained with ARG45546 anti-ADRM1 antibody at 1 $\mu\text{g}/10^6$ cells dilution.



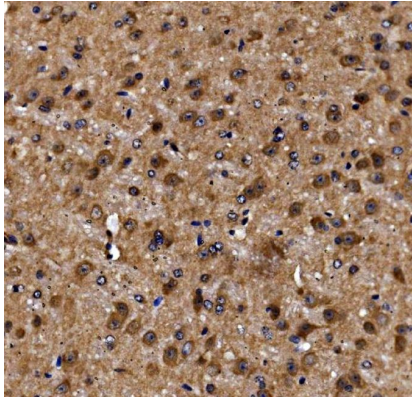
ARG45546 anti-ADRM1 antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG45546 anti-ADRM1 antibody at 2 $\mu\text{g}/\text{ml}$ dilution.



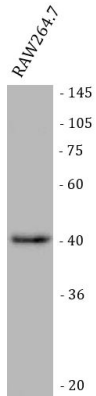
ARG45546 anti-ADRM1 antibody WB image

Western blot: Rat ovary stained with ARG45546 anti-ADRM1 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.



ARG45546 anti-ADRM1 antibody IHC-P image

Immunohistochemistry: Mouse brain stained with ARG45546 anti-ADRM1 antibody at 2 µg/ml dilution.



ARG45546 anti-ADRM1 antibody WB image

Western blot: RAW264.7 stained with ARG45546 anti-ADRM1 antibody at 0.5 µg/ml dilution.