



Rabbit Anti-RNF156 antibody

SL9229R

Product Name:	RNF156
Chinese Name:	Ring finger protein156抗体
Alias:	E3 ubiquitin-protein ligase MGRN1; KIAA0544; Mahogunin ring finger 1; Mahogunin RING finger protein 1; MGRN 1; MGRN1; MGRN1_HUMAN; Probable E3 ubiquitin protein ligase MGRN1; RING finger protein 156; RNF 156.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	61kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RNF156:201-300/552
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:	E3 ubiquitin-protein ligase. Mediates monoubiquitination at multiple sites of TSG101 in the presence of UBE2D1, but not of UBE2G1, nor UBE2H. Plays a role in the regulation of endosome-to-lysosome trafficking. Impairs MC1R- and MC4R-signaling by competing with GNAS-binding to MCRs and inhibiting agonist-induced cAMP production. Does not inhibit ADRB2-signaling. Does not promote MC1R ubiquitination.

Function:

E3 ubiquitin-protein ligase. Mediates monoubiquitination at multiple sites of TSG101 in the presence of UBE2D1, but not of UBE2G1, nor UBE2H. Plays a role in the regulation of endosome-to-lysosome trafficking. Impairs MC1R- and MC4R-signaling by competing with GNAS-binding to MCRs and inhibiting agonist-induced cAMP production. Does not inhibit ADRB2-signaling. Does not promote MC1R ubiquitination.

Subunit:

Interacts with MC1R and MC4R, but not with TBXA2R. Interacts with TSG101. Interacts with mislocalized cytosolically exposed PRNP; this interaction alters MGRN1 subcellular location and causes lysosomal enlargement (By similarity).

Subcellular Location:

Cytoplasm. Cell membrane.

Post-translational modifications:

Autoubiquitinated in vitro (By similarity).

Similarity:

Contains 1 RING-type zinc finger.

SWISS:

O60291

Gene ID:

23295

Database links:

[Entrez Gene: 23295](#)Human

[Entrez Gene: 17237](#)Mouse

[Entrez Gene: 302938](#)Rat

[Oimim: 607559](#)Human

[SwissProt: O60291](#)Human

[SwissProt: Q9D074](#)Mouse

[SwissProt: Q5XIQ4](#)Rat

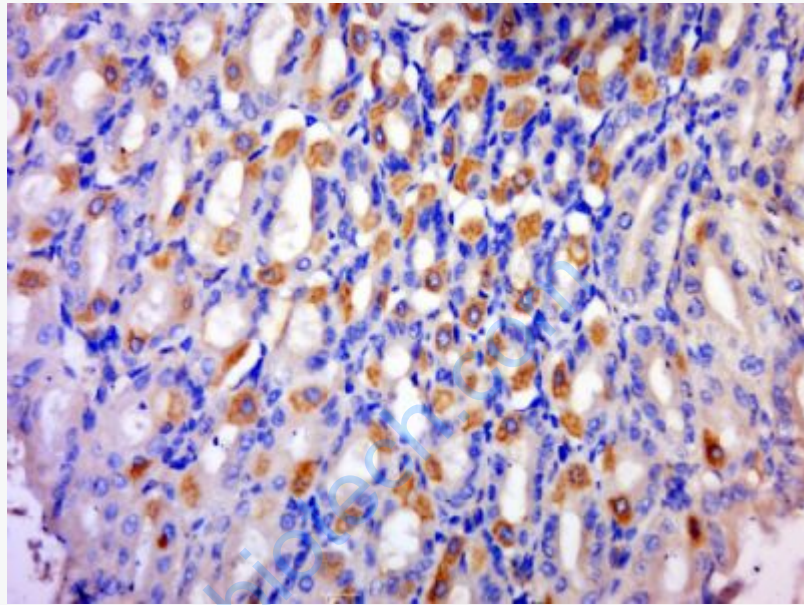
[Unigene: 526494](#)Human

[Unigene: 291326](#)Mouse

[Unigene: 15530](#)Rat

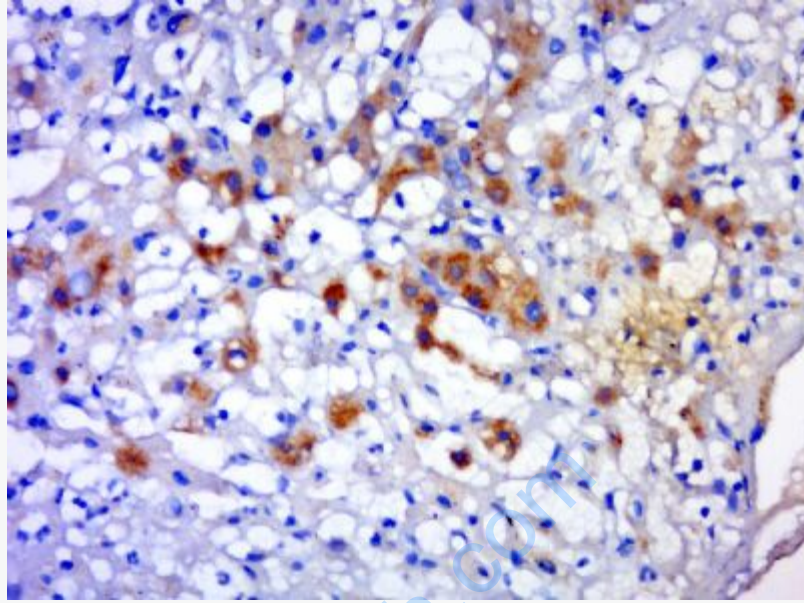
Important Note:

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



Picture:

Paraformaldehyde-fixed, paraffin embedded (mouse stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RNF156) Polyclonal Antibody, Unconjugated (SL9229R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining



Paraformaldehyde-fixed, paraffin embedded (Human hepatocellular carcinoma);
Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block
endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer
(normal goat serum) at 37°C for 30min; Antibody incubation with (RNF156)
Polyclonal Antibody, Unconjugated (SL9229R) at 1:400 overnight at 4°C, followed
by a conjugated secondary (sp-0023) for 20 minutes and DAB staining