



Rabbit Anti-RNF45 antibody

SL6511R

Product Name:	RNF45
Chinese Name:	Ring finger protein45/自分泌运动因子受体抗体
Alias:	AMF receptor; AMF receptor isoform 1; AMF receptor isoform 2; AMFR; AMFR2_HUMAN; Autocrine motility factor receptor; Autocrine motility factor receptor precursor, isoform 1; Autocrine motility factor receptor precursor, isoform 2; E3 ubiquitin-protein ligase AMFR; gp78; RING finger protein 45; RNF 45; RNF45.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	73kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human AMFR/RNF45:85-180/643
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 which can target both itself and other proteins including CD3D and APOB for proteasomal degradation. Mediates polyubiquitination of CYP3A4. Specific receptor for the autocrine motility factor. Mediates tumor invasion and metastasis. Component of a complex required to couple deglycosylation and

proteasome-mediated degradation of misfolded proteins in the endoplasmic reticulum that are retrotranslocated in the cytosol. Promotes ubiquitination of misfolded proteins such as mutant CFTR; proposed to mediate sequential ubiquitination by recognizing already ubiquitin-conjugated substrates and to cooperate with E3 ubiquitin-protein ligase RNF5.

Subcellular Location:

Endoplasmic reticulum membrane.

Similarity:

Contains 1 CUE domain.

Contains 1 RING-type zinc finger.

SWISS:

Q9UKV5

Gene ID:

267

Database links:

[Entrez Gene: 267](#)Human

[Entrez Gene: 23802](#)Mouse

[Oimim: 603243](#)Human

[SwissProt: Q9UKV5](#)Human

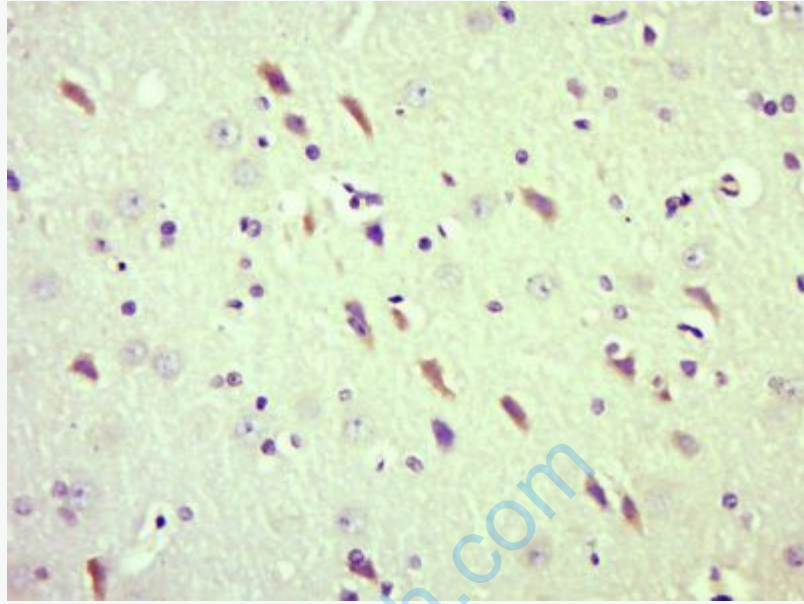
[SwissProt: Q9R049](#)Mouse

[Unigene: 295137](#)Human

[Unigene: 34641](#)Mouse

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 (Rat brain); 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 (RNF45) Polyclonal Antibody, Unconjugated (SL6511R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.