

Rabbit Anti-MCPT4/AF350 Conjugated antibody

SL18733R-AF350

Product Name	Anti-MCPT4/AF350
Chinese Name	AF350 标记的肥大细胞蛋白酶 4 抗体
Alias	Mast cell protease 4; Mcp 4; Mcpt4; MCPT4_MOUSE; MMCP 4; MMCP 4A; MMCP 4B; MMCP-4; MMCP4; MMCP4A; MMCP4B; MSMCP; Myonase; Serosal mast cell protease.
Research Area	Cell biology immunology Ubiquitin
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Mouse,Rat) ICC/IF=1:50-200,IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	25kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from mouse MCPT4
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	Function: Has chymotrypsin-like activity. Hydrolyzes the amide bonds of synthetic substrates having Tyr and Phe residues at the P1 position. Preferentially hydrolyzes the 'Tyr-4- -Ile-5' bond of angiotensin I and the 'Phe-20- -Ala-21' bond of amyloid beta-protein, and is less active towards the 'Phe-8- -His-9'

bond of angiotensin I and the 'Phe-4- -Ala-5' and 'Tyr-10- -Glu-11' bonds of amyloid beta-protein. Involved in thrombin regulation and fibronectin processing.

Tissue Specificity:

Submucosal mast cells. In femoral muscle, detected in myocytes but not in mast cells.

Similarity:

Belongs to the peptidase S1 family.
Granzyme subfamily.
Contains 1 peptidase S1 domain.

Database links:

[Entrez Gene: 17227](#) Mouse

[SwissProt: P21812](#) Mouse

[Unigene: 439684](#) Mouse

Important Note:

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