

Mcpt4 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS14285**Specification**

Mcpt4 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	P21812
Reactivity	Mouse
Host	Goat
Clonality	Polyclonal
Calculated MW	27kDa KDa

Mcpt4 Antibody (Internal) - Additional Information**Gene ID** 17227**Other Names**

Mast cell protease 4, mMCP-4, 3.4.21.-, MSMCP, Myonase, Serosal mast cell protease, Mcpt4

Target/Specificity

Mouse MCPT4.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

Mcpt4 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

Mcpt4 Antibody (Internal) - Protein Information**Name** Mcpt4**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 Location

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

Volume

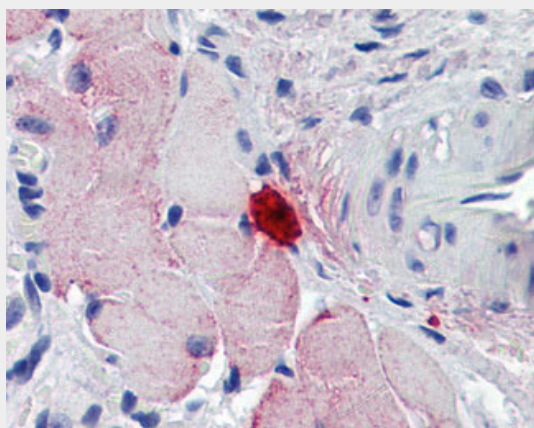
50 µl

Mcpt4 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Mcpt4 Antibody (Internal) - Images



Anti-MCPT4 antibody IHC of mouse skeletal muscle, mast cell.

Mcpt4 Antibody (Internal) - Background

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Mcpt4 Antibody (Internal) - References

Serafin W.E.,et al.J. Biol. Chem. 266:1934-1941(1991).
Ge Y.,et al.Am. J. Pathol. 158:281-292(2001).
Huang R.,et al.Eur. J. Immunol. 21:1611-1621(1991).
Hori S.,et al.J. Biochem. 123:650-658(1998).
Reynolds D.S.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:3230-3234(1990).