

Product datasheet for **AP31599PU-N**

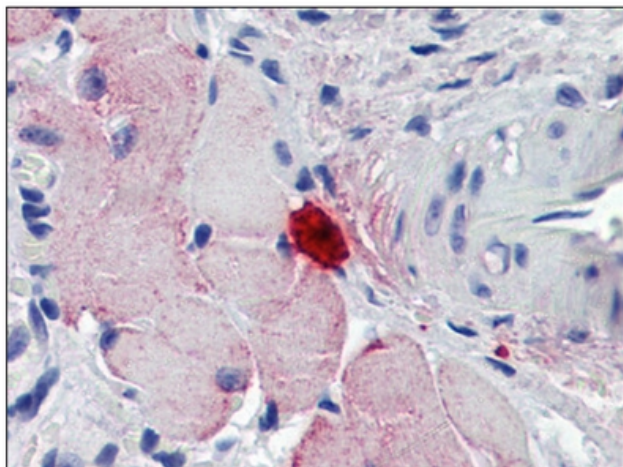
Mcpt4 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	ELISA: 1/64000. Immunohistochemistry on Paraffin Sections: 3.75 µg/ml.
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide - KLH conjugated
Specificity:	Recognizes Mouse MCPT4
Formulation:	Tris saline, pH 7.3 containing 0.02% Sodium Azide as preservative and 0.5% BSA as stabilizer State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody (in aliquots) at -20°C. Avoid freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Gene Name:	mast cell protease 4
Database Link:	Entrez Gene 17227 Mouse P21812
Background:	MCPT4 has chymotrypsin-like activity and hydrolyzes the amide bonds of synthetic substrates having Tyr and Phe residues at the P1 position. MCPT4 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. MCPT4 is involved in thrombin regulation and fibronectin processing.
Synonyms:	Mast cell protease 4, MMCP-4, Mcpt4



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Product images:

Mouse Skeletal Muscle, Mast Cell: Formalin-Fixed, Paraffin-Embedded (FFPE)