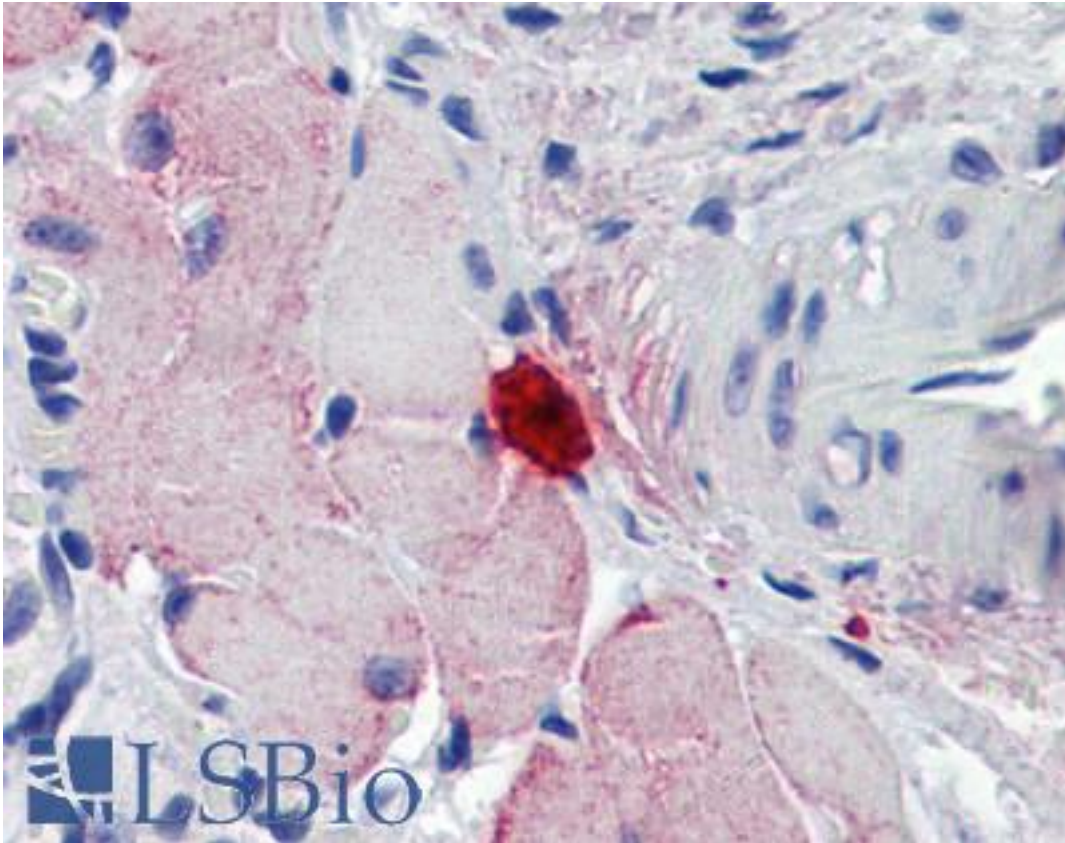


MCPT4 / Mcp4 Goat anti-Mouse Polyclonal (Internal) Antibody - LS-B5958 - LSBio

CatalogID:	LS-B5958
Validation:	This antibody replaces catalog number LS-C112815. It has been validated for use in the following assays: IHC-P.
Target:	Mast Cell Protease 4 (MCPT4)
Synonyms:	MCPT4 Antibody, MCP-4 Antibody, Mast cell protease 4 Antibody, MCP4 Antibody, Mcpt4 Antibody, Mmcp4 Antibody, MMCP-4A Antibody, MMCP-4B Antibody, MMCP-4 Antibody
Family / Subfamily:	Protease / Serine S1
Host	MCPT4 antibody was produced in Goat
Clonality:	Polyclonal
Immunogen Species:	MCPT4 / Mcp4 antibody was raised against Mouse
Antigen Type:	Synthetic peptide
Immunogen:	MCPT4 / Mcp4 antibody was raised against synthetic peptide C-KLQKKAKETPSVN from an internal region of mouse MCPT4 (NP_034909.2). Percent identity with other species by BLAST analysis: Mouse (100%).
Specificity:	Mouse MCPT4.
Epitope:	Internal
Reactivity:	Mouse
Purification:	Immunoaffinity purified
Presentation:	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Recommended Storage:	Store at -20°C. Minimize freezing and thawing.
Usage Summary:	Peptide ELISA: antibody detection limit dilution 1:64000. Western blot: Preliminary experiments gave bands at approx. 40kDa and 15kDa in Mouse Skeletal Muscle lysates after 0.01 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 27.2kDa according to NP_034909.2. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands).
Uses:	IHC - Paraffin (3.75 µg/ml), ELISA (1:64000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.5 mg/ml

Immunohistochemistry Image:



Anti-MCPT4 antibody IHC of mouse skeletal muscle, mast cell. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B5958 concentration 3.75 ug/ml.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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Created on 9/24/2014

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