

A5668

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Mast Cell Chymase (CMA1) Rabbit pAb

Catalog No.: A5668

Basic Information

Observed MW

27kDa

Calculated MW

27kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Mouse

Background

This gene encodes a chymotryptic serine proteinase that belongs to the peptidase family S1. It is expressed in mast cells and is thought to function in the degradation of the extracellular matrix, the regulation of submucosal gland secretion, and the generation of vasoactive peptides. In the heart and blood vessels, this protein, rather than angiotensin converting enzyme, is largely responsible for converting angiotensin I to the vasoactive peptide angiotensin II. Alternative splicing results in multiple variants.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

1215

Swiss Prot

P23946

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 81-247 of human Mast Cell Chymase (CMA1) (NP_001827.1).

Synonyms

CYH; MCT1; chymase; Mast Cell Chymase (CMA1)

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

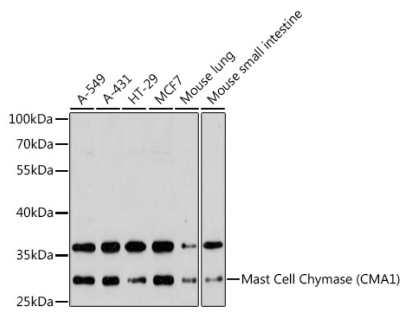
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Mast Cell Chymase (Mast Cell Chymase (CMA1)) antibody (A5668) at 1:3000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.