

CMA1 Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21604a

Specification

CMA1 Antibody (N-Term) - Product Information

Application	WB,E
Primary Accession	P23946
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	27325

CMA1 Antibody (N-Term) - Additional Information

Gene ID 1215

Other Names

Chymase, Alpha-chymase, Mast cell protease I, CMA1, CYH, CYM

Target/Specificity

This CMA1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 84-118 amino acids from human CMA1.

Dilution

WB~~1:2000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CMA1 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

CMA1 Antibody (N-Term) - Protein Information

Name CMA1

Synonyms CYH, CYM

Function Major secreted protease of mast cells with suspected roles in vasoactive peptide generation, extracellular matrix degradation, and regulation of gland secretion.

Cellular Location

Secreted. Cytoplasmic granule. Note=Mast cell granules

Tissue Location

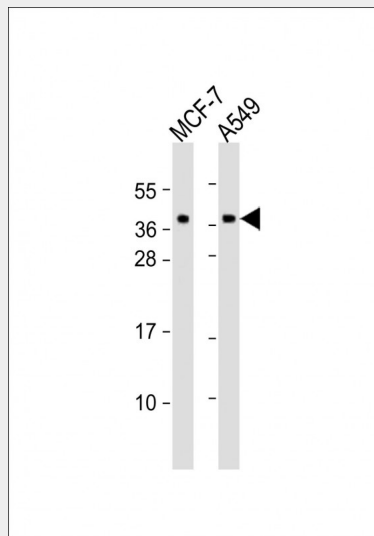
Mast cells in lung, heart, skin and placenta. Expressed in both normal skin and in urticaria pigmentosa lesions

CMA1 Antibody (N-Term) - 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](#)

CMA1 Antibody (N-Term) - Images



All lanes : Anti-CMA1 Antibody (N-Term) at 1:2000 dilution Lane 1: MCF-7 whole cell lysates Lane 2: A549 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 27 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

CMA1 Antibody (N-Term) - Background

Major secreted protease of mast cells with suspected roles in vasoactive peptide generation, extracellular matrix degradation, and regulation of gland secretion.

CMA1 Antibody (N-Term) - References

Caughey G.H.,et al.J. Biol. Chem. 266:12956-12963(1991).
Urata H.,et al.J. Biol. Chem. 266:17173-17179(1991).
Schechter N.M.,et al.J. Immunol. 152:4062-4069(1994).

Goshima N., et al. Nat. Methods 5:1011-1017(2008).
Heilig R., et al. Nature 421:601-607(2003).