

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

E~~Use at an assay dependent concentration.

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

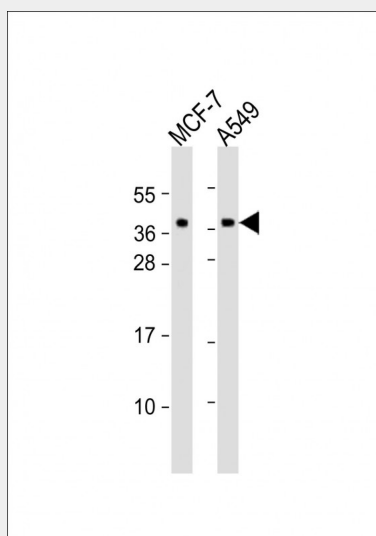
Mast cells in lung, heart, skin and placenta. Expressed in both normal skin and in urticaria pigmentosa lesions

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).