

**CMA1 Antibody (N-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5573**

**Specification**

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**CMA1 Antibody (N-Term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P23946</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=27,15;M=28;R=28 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

**CMA1 Antibody (N-Term) - Additional Information**

**Gene ID** 1215

**Antigen Region**  
84-118

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

**Dilution**  
WB~~1:2000

**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.

**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

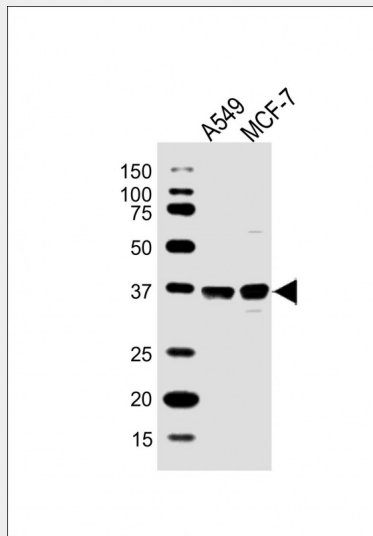
Mast cells in lung, heart, skin and placenta. Expressed in both normal skin and in urticaria pigmentosa lesions

### 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: A549 whole cell lysate Lane 2: MCF-7 whole cell lysate 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).

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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).