

CMA1 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21604a

Product Information

Application	WB, E
Primary Accession	P23946
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53046
Calculated MW	27325

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.

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

Background

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

References

Caughey G.H.,et al.J. Biol. Chem. 266:12956-12963(1991).

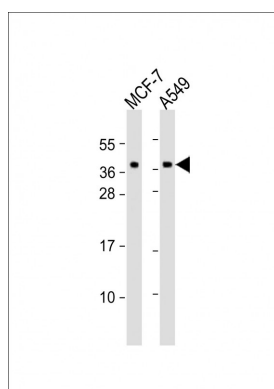
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Schechter N.M.,et al.J. Immunol. 152:4062-4069(1994).

Goshima N.,et al.Nat. Methods 5:1011-1017(2008).

Heilig R.,et al.Nature 421:601-607(2003).

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.