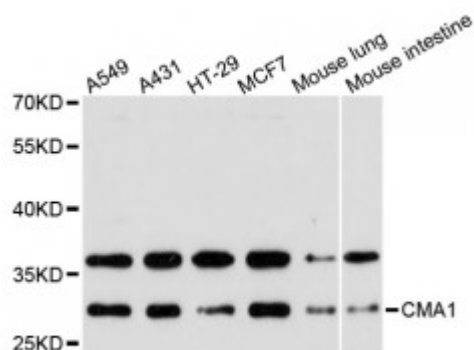


Anti-CMA1 Antibody



Description

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.

Model	STJ116283
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 81-247 of human CMA1 (NP_001827.1).
Gene ID	1215
Gene Symbol	CMA1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Mast cells in lung, heart, skin and placenta, Expressed in both normal skin and in urticaria pigmentosa lesions
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Chymase

Molecular Weight	27.325 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:2097OMIM:118938Reactome:R-HSA-1433557
Alternative Names	Chymase
Function	Major secreted protease of mast cells with suspected roles in vasoactive peptide generation, extracellular matrix degradation, and regulation of gland secretion
Cellular Localization	Secreted, Cytoplasmic granule,

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