Datasheet for ABIN7445774

anti-CMA1 antibody (AA 22-247)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	CMA1
Binding Specificity:	AA 22-247
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CMA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Chymase 1, Mast Cell (CMA1)
Immunogen:	Recombinant Chymase 1, Mast Cell (CMA1) corresdonding to Ile22~Asn247 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CMA1. It has been selected for its ability to recognize CMA1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	CMA1

Target Details

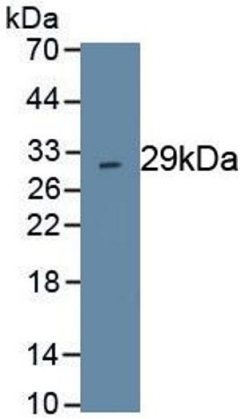
Alternative Name:	Chymase 1, Mast Cell (CMA1 Products)
Background:	CYH, CYM, Alpha-chymase, Mast cell protease I
Pathways:	ACE Inhibitor Pathway, Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones, Carbohydrate Homeostasis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of Recombinant CMA1, Human using Polyclonal Antibody to Chymase 1, Mast Cell (CMA1)