

Datasheet for ABIN7444895
anti-Calpain 9 antibody (AA 42-340)

5 Images

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Overview

Quantity:	100 µL
Target:	Calpain 9 (CAPN9)
Binding Specificity:	AA 42-340
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calpain 9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Calpain 9 (CAPN9)
Immunogen:	Recombinant Calpain 9 (CAPN9) corresponding to Leu42~Ala340 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CAPN9. It has been selected for its ability to recognize CAPN9 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

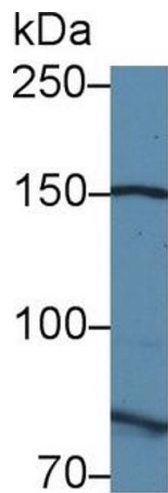
Target:	Calpain 9 (CAPN9)
Alternative Name:	Calpain 9 (CAPN9 Products)
Background:	GC36, nCL4, Novel Calpain Large Subunit-4, Digestive tract-specific calpain, New calpain 4

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

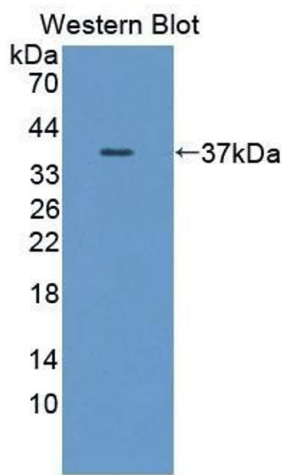
Handling

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



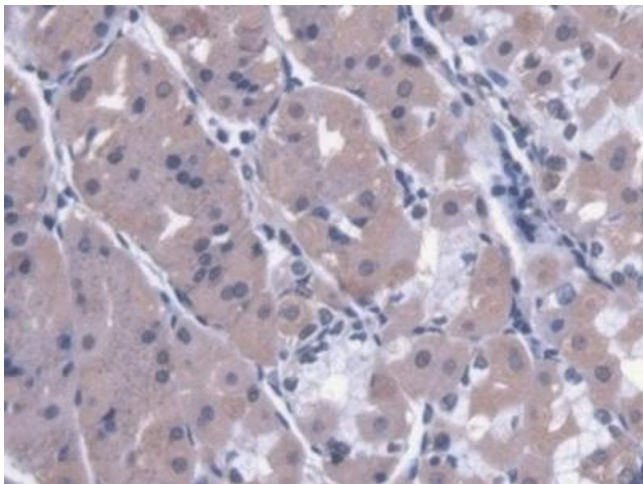
Western Blotting

Image 1. Detection of CAPN9 in Porcine Small intestine lysate using Polyclonal Antibody to Calpain 9 (CAPN9)



Western Blotting

Image 2. Detection of Recombinant CAPN9, Human using Polyclonal Antibody to Calpain 9 (CAPN9)



Immunohistochemistry

Image 3. Detection of CAPN9 in Human Stomach Tissue using Polyclonal Antibody to Calpain 9 (CAPN9)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7444895.