

Datasheet for ABIN391477

anti-Calpain 9 antibody (N-Term)**1** Image[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Calpain 9 (CAPN9)
Binding Specificity:	AA 49-78, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calpain 9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CAPN9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 49-78 amino acids from the N-terminal region of human CAPN9.
Clone:	RB18394
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Calpain 9 (CAPN9)
Alternative Name:	CAPN9 (CAPN9 Products)

Target Details

Background: CAPN9 has been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. The protein is expressed predominantly in stomach and small intestine and may have specialized functions in the digestive tract. This protein is thought to be associated with gastric cancer.

Molecular Weight: 79097

Gene ID: 10753

NCBI Accession: [NP_006606](#), [NP_057536](#)

UniProt: [O14815](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

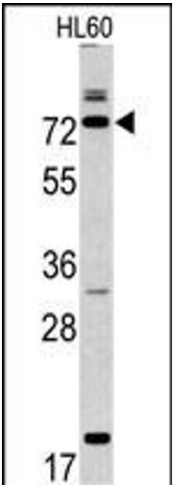
Preservative: Sodium azide

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: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of CN9 antibody (N-term) 7310a in HL60 cell line lysates (35 µg/lane). CN9 (arrow) was detected using the purified Pab.