

Datasheet for ABIN2790353  
**anti-Calpain 8 antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	Calpain 8 (CAPN8)
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calpain 8 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human CAPN8
Sequence:	KLIRLRNPWG EVEWSGAWSD DAPEWNHIDP RRKEELDKKV EDGEFWMSLS
Predicted Reactivity:	Guinea Pig: 79%, Horse: 79%, Human: 100%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against CAPN8. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	Calpain 8 (CAPN8)
Alternative Name:	CAPN8 ( <a href="#">CAPN8 Products</a> )
Background:	CAPN8 is a calcium-regulated non-lysosomal thiol-protease. CAPN8 is involved in membrane

## Target Details

trafficking in the gastric surface mucus cells (pit cells) and may involve the membrane trafficking of mucus cells via interactions with coat protein. CAPN8 proteolytically cleaves the beta-subunit of coatomer complex.

Alias Symbols: nCL-2

Protein Size: 703

Molecular Weight: 77 kDa

Gene ID: 388743

NCBI Accession: [NM\\_001143962](#), [NP\\_001137434](#)

UniProt: [A6NHC0](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 703 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

**Image 1.** WB Suggested Anti-CAPN8 Antibody Titration:  
1.0 ug/ml Positive Control: Hela Whole cell