

Datasheet for ABIN1175260
anti-CAPN1 antibody (AA 75-356) (Biotin)



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1 Image

Overview

Quantity:	200 µL
Target:	CAPN1
Binding Specificity:	AA 75-356
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPN1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	Biotin-Linked Polyclonal Antibody to Calpain 1 (CAPN1)
Immunogen:	Recombinant CAPN1 expressed in E.coli. The antibody is a rabbit polyclonal antibody raised against CAPN1 conjugated to biotin.
Sequence:	MGHHHHHHSG SEF-PNSSKT YGIKWKRPT LLSNPQFIVD GATRTDICQG ALGDCWLLAA IASLTLNDTL LHRVVPHGQS FQNGYAGIFH FQLWQFGEWV DVVVDDLLPI KDGKLVFVHS AEGNEFWSAL LEKAYAKVNG SYEALSGGST SEGFEDFTGG VTEWYELRKA PSDLYQIILK ALERGSLGCS SIDISSVLDM EAITFKKLVK GHAYSVTGAK QVNYRGQVVS LIRMRNPWGE VEWTGAWSDS SSEWNNVDPY ERDQLRVKME DGEFWMSFRD FMR
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CAPN1. It has been selected for its ability to recognize CAPN1 in immunohistochemical staining and western blotting.

Product Details

Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	CAPN1
Alternative Name:	Calpain 1 (CAPN1 Products)
Background:	PIG30, CANPL1, MuCANP, MuCL, Calpain 1, Large Subunit, Calpain-1 Catalytic Subunit, Calcium-Dependent Protease 1, Calcium-activated neutral proteinase 1, Calpain mu-type, Micromolar-calpain

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL, 1:250-2500 Immunohistochemistry: 5-20 µg/mL, 1:25-100 Immunocytochemistry: 5-20 µg/mL, 1:25-100 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

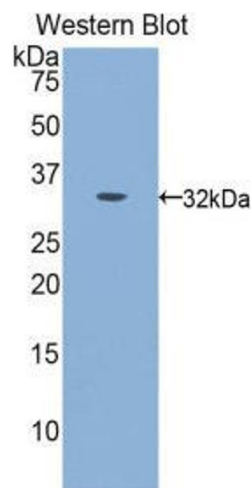
Handling

Format:	Liquid
Concentration:	500 µg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling

Handling Advice:	Avoid repeated freeze/thaw cycles
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:	12 months

Images



Western Blotting

Image 1.