

Datasheet for ABIN7630656
anti-CAPN1 antibody (Biotin)



[Go to Product page](#)

Overview

Quantity:	1 mL
Target:	CAPN1
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)
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.
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,

Target Details

Calcium-Dependent Protease 1, Calcium-activated neutral proteinase 1, Calpain mu-type,
Micromolar-calpain

UniProt: [P07384](#)

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: 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.