

Datasheet for ABIN6244179

anti-Calpain 2 antibody (AA 10-43)[Go to Product page](#)**1** Image

Overview

Quantity:	400 µL
Target:	Calpain 2 (CAPN2)
Binding Specificity:	AA 10-43
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calpain 2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CAPN2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 10-43 amino acids from human CAPN2.
Clone:	RB52878
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Calpain 2 (CAPN2)
Alternative Name:	CAPN2 (CAPN2 Products)
Background:	Calcium-regulated non-lysosomal thiol-protease which catalyze limited proteolysis of

Target Details

substrates involved in cytoskeletal remodeling and signal transduction. Proteolytically cleaves MYOC at 'Arg-226' (PubMed:< a href="http://www.uniprot.org/citations/17650508" target="_blank">17650508).

Molecular Weight: 79995

UniProt: [P17655](#)

Application Details

Application Notes: WB: 1:8000

Restrictions: For Research Use only

Handling

Format: Liquid

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

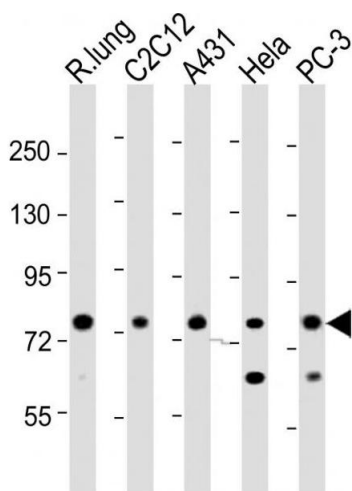
Preservative: Sodium azide

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

Expiry Date: 6 months

Images



Western Blotting

Image 1. All lanes : Anti-CN2 Antibody (N-Term) at 1:8000 dilution Lane 1: rat lung lysates Lane 2: C2C12 whole cell lysates Lane 3: A431 whole cell lysates Lane 4: Hela whole cell lysates Lane 5: PC-3 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 80 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.