

Datasheet for ABIN2855126  
**anti-CAPZB antibody (Center)**[Go to Product page](#)

3 Images

1 Publication

## Overview

Quantity:	100 µL
Target:	CAPZB
Binding Specificity:	Center
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPZB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CAPZB. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Rat (Rattus), Pig (Porcine), Cow (Bovine)
Cross-Reactivity (Details):	Rat (100 %), Pig (100 %), Bovine (100 %)
Characteristics:	Rabbit Polyclonal antibody to CAPZB (capping protein (actin filament) muscle Z-line, beta) CAPZB antibody
Purification:	Affinity purified by Protein A.

## Target Details

Target:	CAPZB
Alternative Name:	CAPZB ( <a href="#">CAPZB Products</a> )
Background:	<p>CAPZB is a member of the F-actin capping protein family. This gene encodes the beta subunit of the barbed-end actin binding protein. The protein regulates growth of the actin filament by capping the barbed end of growing actin filaments.</p> <p>Cellular Localization: Cytoplasm , cytoskeleton</p>
Molecular Weight:	31 kDa
Gene ID:	832
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a>

## Application Details

Application Notes:	<p>Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceIHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*</p>
Comment:	Positive Control: A431 , H1299 , HepG2 , mouse brain
Restrictions:	For Research Use only

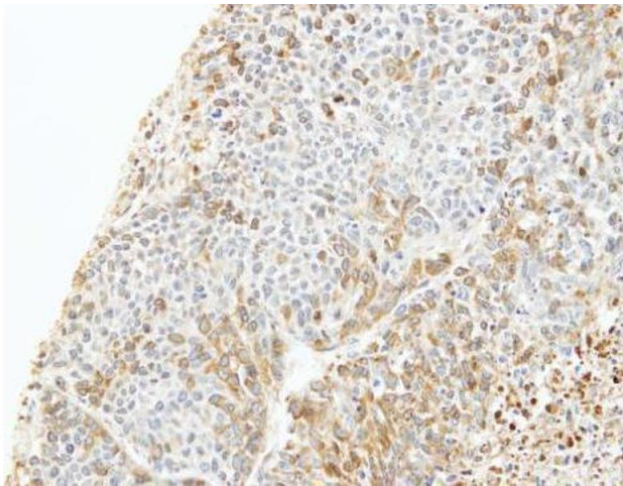
## Handling

Format:	Liquid
Concentration:	2 mg/mL
Buffer:	1XPBS, 40 % Glycerol ( pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Publications

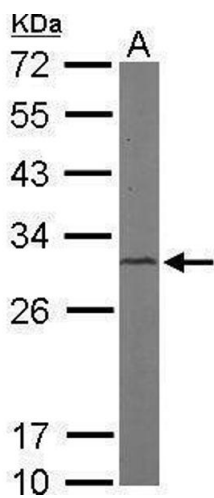
Product cited in: Chao, Wroblewski, Ilkayeva, Stevens, Bain, Meyer, Schenk, Martinez, Vergnes, Narkar, Drew, Hong, Boyadjian, Hevener, Evans, Reue, Spencer, Newgard, Tontonoz: "Skeletal muscle Nur77 expression enhances oxidative metabolism and substrate utilization." in: **Journal of lipid research**, Vol. 53, Issue 12, pp. 2610-9, (2012) ([PubMed](#)).

Images



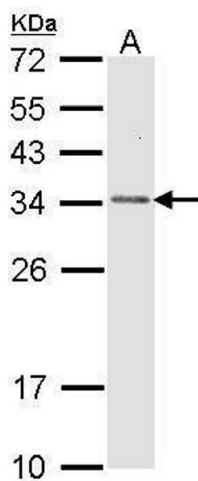
Immunohistochemistry

**Image 1.** IHC-P Image Immunohistochemical analysis of paraffin-embedded 59T xenograft, using CapZ beta, antibody at 1:100 dilution.



Western Blotting

**Image 2.** WB Image Sample (50 ug of whole cell lysate) A: Mouse brain 12% SDS PAGE antibody diluted at 1:1000



Western Blotting

**Image 3.** WB Image Sample (30 ug of whole cell lysate) A:  
H1299 12% SDS PAGE antibody diluted at 1:1000