

Datasheet for ABIN2464036  
**anti-CIB1 antibody (truncated)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.1 mg
Target:	CIB1
Binding Specificity:	truncated
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CIB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Ni-NTA purified truncated recombinant CIB1 expressed in E. Coli strain BL21 (DE3).
Clone:	5A1F5E12-5A1H7E12

## Target Details

Target:	CIB1
Alternative Name:	CIB1 ( <a href="#">CIB1 Products</a> )
Background:	CIB1(also designated calcium and integrin binding 1 or calmyrin),with 191-amino acid protein(about 21 kDa), belongs to the calcium-binding protein family.CIB1 is known to interact with DNA-dependent protein kinase and may play a role in kinase-phosphatase regulation of DNA end joining.CIB1 is an EF-hand-containing protein that binds multiple effector proteins, including the platelet alpha(IIb)beta(3) integrin and several serine/threonine kinases and

## Target Details

potentially modulates their function. CIB1 regulates platelet aggregation in hemostasis through a specific interaction with the alpha(IIb) cytoplasmic domain of platelet integrin alpha(IIb)beta(3). CIB1 is also ubiquitously expressed activating and inhibiting protein ligand of the InsP3R.

Gene ID: 10519

NCBI Accession: [NP\\_001264693](#)

UniProt: [Q99828](#)

## Application Details

Application Notes: Western Blot:1:500 - 1:2,000  
IHC(P):1:500 - 1:2,000  
IHC(F):1:500 - 1:2,000  
ELISA:Propose dilution 1:10,000.  
Determining optimal working dilutions by titration test.

Restrictions: For Research Use only

## Handling

Buffer: Ascitic fluid containing 0.03 % sodium azide.

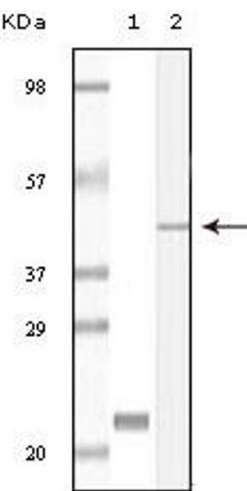
Preservative: Sodium azide

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

Handling Advice: As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

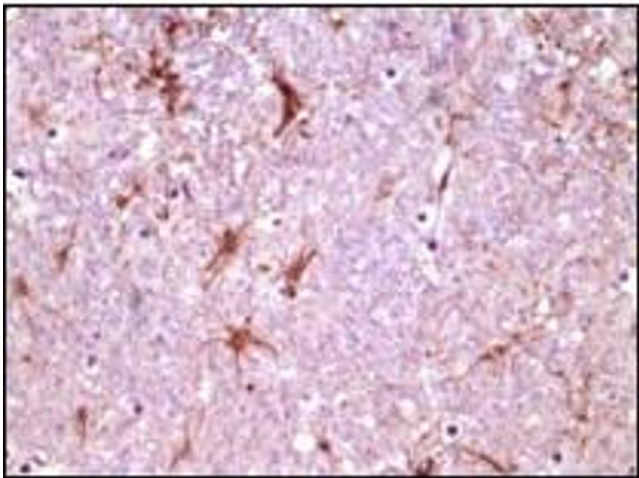
Storage: -20 °C

Storage Comment: CIB1 monoclonal antibody can be stored at -20 °C, stable for one year.



Western Blotting

Image 1.



Immunohistochemistry

Image 2.