




Product datasheet

Anti-ACAP2 antibody - C-terminal ab200583

2 Images

Overview

<b>Product name</b>	Anti-ACAP2 antibody - C-terminal
<b>Description</b>	Rabbit polyclonal to ACAP2 - C-terminal
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IP, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human <b>Predicted to work with:</b> Rat, Sheep, Rabbit, Horse, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
<b>Immunogen</b>	Synthetic peptide within Human ACAP2 aa 728-778 (C terminal). The exact sequence is proprietary. (NP_036419.3). Sequence:  LARMNEEMRESEGLYGQPGDETYQDIFRDFSQMASN NPEKLNRFQQDSQK F  Database link: <a href="#">Q15057</a>   <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	HeLa, 293T, Jurkat, TCMK-1, and NIH3T3 whole cell lysates.
<b>General notes</b>	This product was previously labelled as Centaurin beta 2

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate  pH 7 to 8
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab200583 was affinity purified using an epitope specific to ACAP2 immobilized on solid support.
<b>Clonality</b>	Polyclonal

Isotype

IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab200583** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at 2-10 µg/mg of lysate.
WB		1/2000 - 1/10000. Predicted molecular weight: 88 kDa.

## Target

### Function

GTPase-activating protein (GAP) for ADP ribosylation factor 6 (ARF6).

### Tissue specificity

Widely expressed. Highest level in lung.

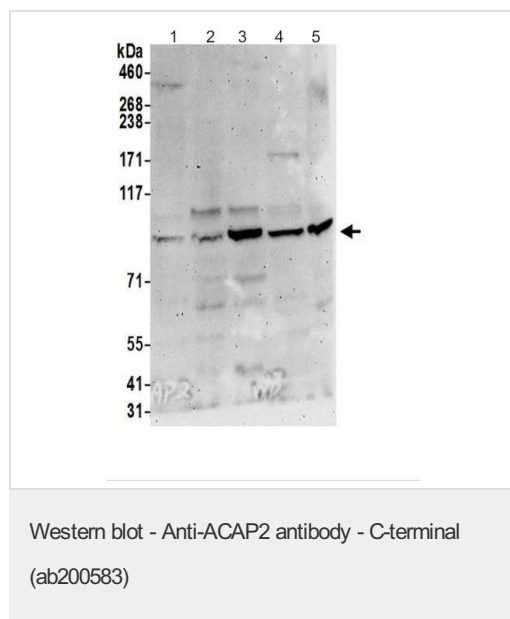
### Sequence similarities

Contains 3 ANK repeats.  
Contains 1 Arf-GAP domain.  
Contains 1 BAR domain.  
Contains 1 PH domain.

### Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

## Images



**All lanes** : Anti-ACAP2 antibody - C-terminal (ab200583) at 0.1 µg/ml

**Lane 1** : HeLa whole cell lysate

**Lane 2** : 293T whole cell lysate

**Lane 3** : Jurkat whole cell lysate

**Lane 4** : TCMK-1 whole cell lysate

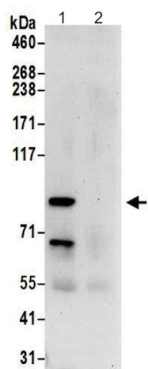
**Lane 5** : NIH3T3 whole cell lysate

Lysates/proteins at 50 µg per lane.

Developed using the ECL technique.

**Predicted band size:** 88 kDa

**Exposure time:** 3 minutes



Immunoprecipitation - Anti-ACAP2 antibody - C-terminal (ab200583)

Detection of ACAP2 in immunoprecipitates of 293T whole cell lysate (prepared using NETN lysis buffer; 1 mg for IP, 20% of IP loaded) using ab200583 at 6 µg/mg lysate for IP and at 1 µg/ml for subsequent Western blot detection (Lane 1). Lane 2 represents control IgG IP.

Detection: Chemiluminescence with an exposure time of 30 seconds.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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