

## Product datasheet

# Anti-NECAP1 antibody ab68708

1 Image

### Overview

<b>Product name</b>	Anti-NECAP1 antibody
<b>Description</b>	Mouse polyclonal to NECAP1
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Full length protein, corresponding to amino acids 1-275 of Human NECAP1
<b>Positive control</b>	NECAP1 transfected 293T cell lysate.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: Whole serum
<b>Purity</b>	Whole antiserum
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab68708** 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
WB		1/500 - 1/1000. Detects a band of approximately 37 kDa (predicted molecular weight: 30 kDa).

### Target

<b>Function</b>	Involved in endocytosis.
-----------------	--------------------------

## Sequence similarities

Belongs to the NECAP family.

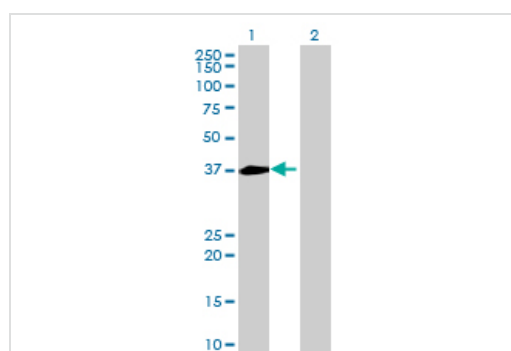
## Domain

The WXXF motifs mediate binding of accessory proteins to the ear-domain of AP-1, GGAs and AP-2 through hydrophobic interactions. Selective binding to the GAE domains of AP-1 or to the alpha-ear domain of AP-2 is tuned by the acidic context surrounding the motif and the properties of the second residue of the motif itself. The WXXF motif 1, which is preceded by an acidic residue and has a glycine in second position mediates specific interaction with AP-1. The WXXF motif 2, which is followed by the C-terminal carboxyl group negative charge, allows specific interaction with AP-2.

## Cellular localization

Cytoplasmic vesicle > clathrin-coated vesicle membrane. Cell membrane. Colocalizes with AP-2 at the plasma membrane.

## Images



Western blot - NECAP1 antibody (ab68708)

**All lanes :** Anti-NECAP1 antibody (ab68708)  
at 1/500 dilution

**Lane 1 :** NECAP1 transfected 293T cell  
lysate

**Lane 2 :** Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

### Secondary

Goat Anti-Mouse IgG (H&L)-HRP Conjugate at  
1/2500 dilution

**Predicted band size :** 30 kDa

**Observed band size :** 37 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors