

Product datasheet

Anti-NECAP1 antibody ab68708

1 Image

Overview

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Constituent: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	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

Function	Involved in endocytosis.
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Sequence similarities

Belongs to the NECAP family.

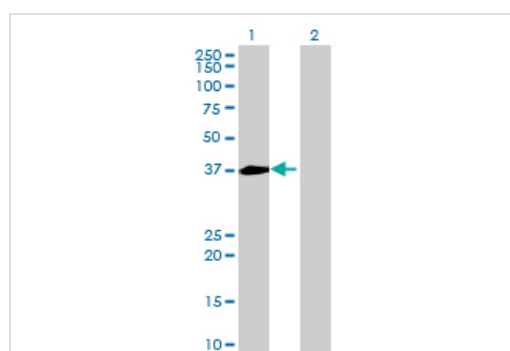
Domain

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 - Anti-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

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

Predicted band size: 30 kDa

Observed band size: 37 kDa

[why is the actual band size different from the predicted?](#)

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