


Anti-CLINT1 antibody ab86046

2 Images

Overview

Product name	Anti-CLINT1 antibody
Description	Rabbit polyclonal to CLINT1
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Rabbit, Horse, Guinea pig, Cow, Dog, Pig, Rhesus monkey, Gorilla, Orangutan, Platypus 
Immunogen	Synthetic peptide corresponding to a region between residues 250 and 300 of Human CLINT1 (NP_055481.1).
Positive control	HeLa, 293T and NIH3T3 whole cell lysates.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: Tris buffered saline, 0.1% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab86046 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		1/2000 - 1/10000. Predicted molecular weight: 68 kDa.
IP		Use at 2-5 µg/mg of lysate.

Target

Function

Binds to membranes enriched in phosphatidylinositol-4,5-bisphosphate (PtdIns(4,5)P₂). May have a role in transport via clathrin-coated vesicles from the trans-Golgi network to endosomes. Stimulates clathrin assembly.

Tissue specificity

Ubiquitously expressed at low to intermediate levels.

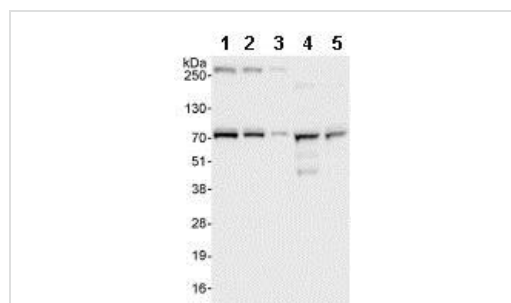
Sequence similarities

Belongs to the epsin family.
Contains 1 ENTH (epsin N-terminal homology) domain.

Cellular localization

Cytoplasm. Cytoplasm > perinuclear region. Membrane. Cytoplasmic vesicle > clathrin-coated vesicle. Found throughout the cell, with the exception of the cell surface. Concentrated in the perinuclear region and associated with clathrin-coated vesicles close to the trans-Golgi network.

Images



Western blot - Anti-CLINT1 antibody (ab86046)

All lanes : Anti-CLINT1 antibody (ab86046) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 5 µg

Lane 4 : 293T whole cell lysate at 50 µg

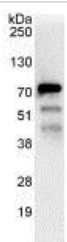
Lane 5 : NIH3T3 whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 68 kDa

Observed band size: 72 kDa

Exposure time: 3 seconds



Immunoprecipitation - Anti-CLINT1 antibody
(ab86046)

Detection of Human CLINT1 in Immunoprecipitates of Whole cell lysate from HeLa cells (1 mg for IP, 20% of IP loaded) using ab86046 at 3 µg/mg lysate for IP and at 1 µg/ml for subsequent Western blot detection. Detection: Chemiluminescence with an exposure time of 10 seconds.

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

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