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Product datasheet

Anti-p50 dynamitin antibody ab228704

3 Images

Overview

Product name	Anti-p50 dynamitin antibody
Description	Rabbit polyclonal to p50 dynamitin
Host species	Rabbit
Tested applications	**Suitable for:** WB, IHC-P, ICC/IF
Species reactivity	**Reacts with:** Human
	Predicted to work with: Mouse, Rat, Cow, Chimpanzee
Immunogen	Recombinant fragment within Human p50 dynamitin (internal sequence). The exact sequence is proprietary. Database link: **Q13561**
Positive control	WB: MCF7 whole cell lysate. IHC-P: Human breast cancer tissue. ICC/IF: MCF7 cells.
General notes	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.
	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

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

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

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 44 kDa.
IHC-P		1/100 - 1/1000.
ICC/IF		1/100 - 1/1000.

Target

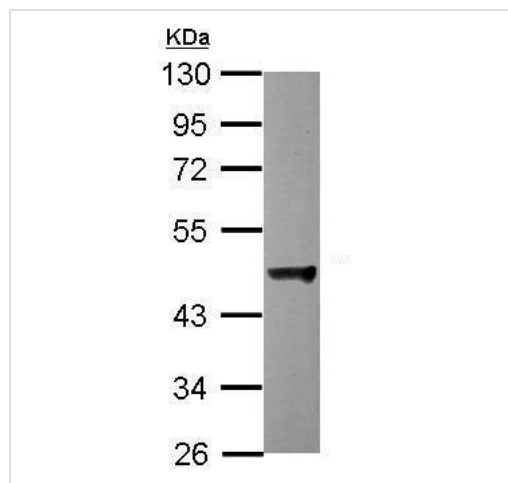|	
Function	Modulates cytoplasmic dynein binding to an organelle, and plays a role in prometaphase chromosome alignment and spindle organization during mitosis. Involved in anchoring microtubules to centrosomes. May play a role in synapse formation during brain development.
Sequence similarities	Belongs to the dynactin subunit 2 family.
Cellular localization	Cytoplasm > cytoskeleton > centrosome. Membrane.

Images

Anti-p50 dynamitin antibody (ab228704) at 1/3000 dilution + MCF7 (human breast adenocarcinoma cell line) whole cell lysate at 30 μg

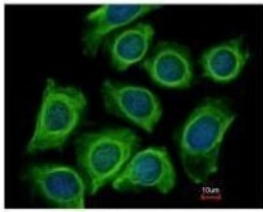Developed using the ECL technique.

Predicted band size: 44 kDa

10% SDS-PAGE

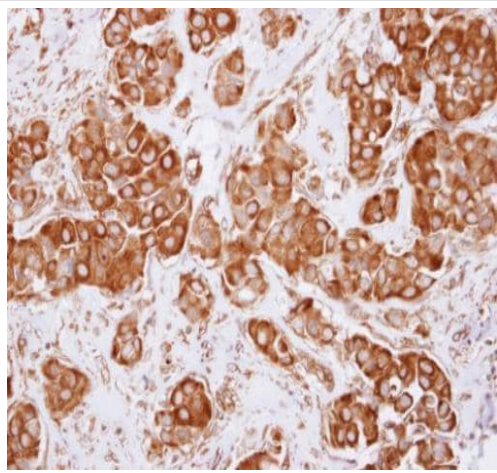Western blot - Anti-p50 dynamitin antibody (ab228704)
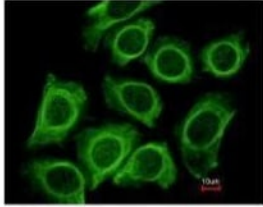
Methanol-fixed MCF7 (human breast adenocarcinoma cell line) cells stained for p50 dynamitin (green) using ab228704 at a 1/500 dilution in ICC/IF.

Nuclear counterstain: Hoechst 33342 (blue).

Immunocytochemistry/ Immunofluorescence - Anti-p50 dynamitin antibody (ab228704)

Paraffin-embedded human breast cancer tissue stained for p50 dynamitin with ab228704 at 1/250 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-p50 dynamitin antibody (ab228704)

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