


Product datasheet

Anti-DCTN4 antibody ab125716

1 Image

Overview

Product name	Anti-DCTN4 antibody
Description	Rabbit polyclonal to DCTN4
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse Predicted to work with: Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Human, Zebrafish 
Immunogen	Synthetic peptide corresponding to a region within C terminal amino acids 383-432 (YDELAEPQDF QDDPDVAFR KANKVGIFIK VTPQREEGEV TVCFKMKHDF) of Mouse DCTN4 (NP_001129115). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Mouse heart lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 97% PBS, 2% Sucrose
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab125716** in the following tested applications.

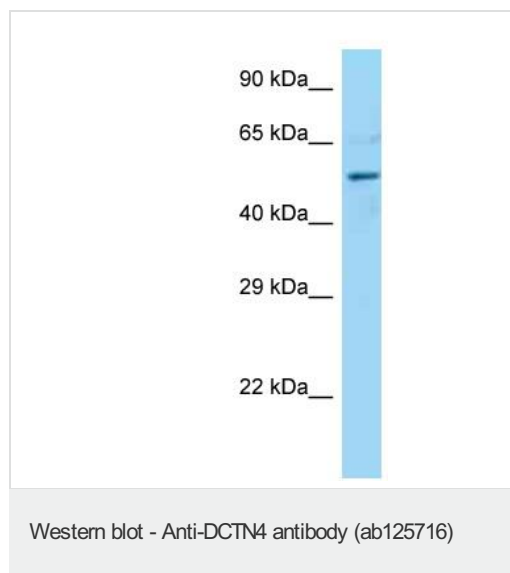
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 53 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Function	Could have a dual role in dynein targeting and in ACTR1A/Arp1 subunit of dynactin pointed-end capping. Could be involved in ACTR1A pointed-end binding and in additional roles in linking dynein and dynactin to the cortical cytoskeleton.
Sequence similarities	Belongs to the dynactin subunit 4 family.
Cellular localization	Cytoplasm > cytoskeleton. Cytoplasm > cytoskeleton > centrosome. Has a punctate cytoplasmic distribution as well as centrosomal distribution typical of dynactin. Overexpression does not disrupt microtubule organization or the integrity of the Golgi but does cause both cytosolic and nuclear distribution, suggesting that this polypeptide may be targeted to the nucleus at very high expression levels.

Images



Anti-DCTN4 antibody (ab125716) at 1 μ g/ml +

Mouse heart lysate at 10 μ g

Predicted band size: 53 kDa

Gel concentration: 12%

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