

Datasheet for ABIN2784739
anti-Dynactin 1 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Dynactin 1 (DCTN1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Dog, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dynactin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Rat Dctn1
Sequence:	EANVRLSLLE KKLDSAAKDA DERIEKVQTR LEETQTLLRK KEKEFEETMD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against Dctn1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Dynactin 1 (DCTN1)
Alternative Name:	Dctn1 (DCTN1 Products)

Target Details

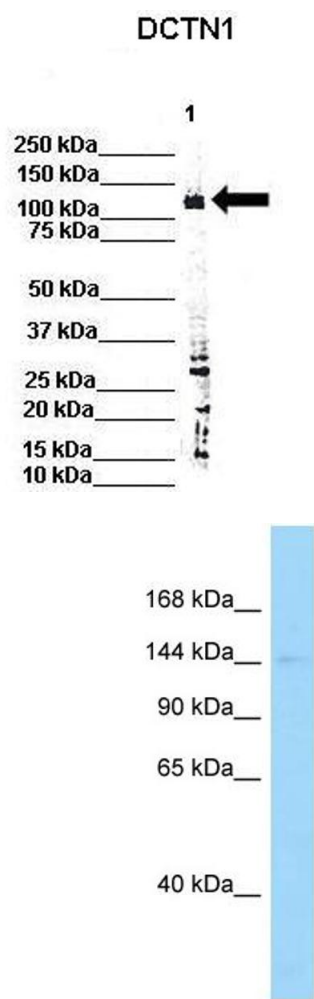
Background:	Dctn1 is a component of dynein microtubule activated ATPase, which acts as a microtubule motor. Alias Symbols: - Protein Interaction Partner: Ubc, Dync1i1, Protein Size: 1280
Molecular Weight:	140 kDa
Gene ID:	29167
NCBI Accession:	NM_024130 , NP_077044
UniProt:	P28023
Pathways:	M Phase , ER-Nucleus Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1280 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-Dctn1 Antibody Positive Control: Lane 1: 80ug rat brain extract Primary Antibody Dilution : 1:500 Secondary Antibody : IRDye 800 CW goat anti-rabbit from Li-COR Bioscience Secondary Antibody Dilution : 1:20,000 Submitted by: Dr. Yuzhi Chen, University of Arkansas for Medical Science

Western Blotting

Image 2. WB Suggested Anti-Dctn1 Antibody Titration: 1.0 ug/ml Positive Control: Rat Thymus