

Datasheet for ABIN657377
anti-Dynactin 4 antibody (N-Term)

2 Images

[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Dynactin 4 (DCTN4)
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dynactin 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This DCTN4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human DCTN4.
Clone:	RB32888
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Dynactin 4 (DCTN4)
Alternative Name:	DCTN4 (DCTN4 Products)

Target Details

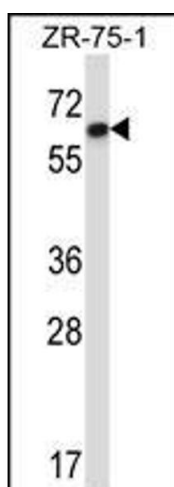
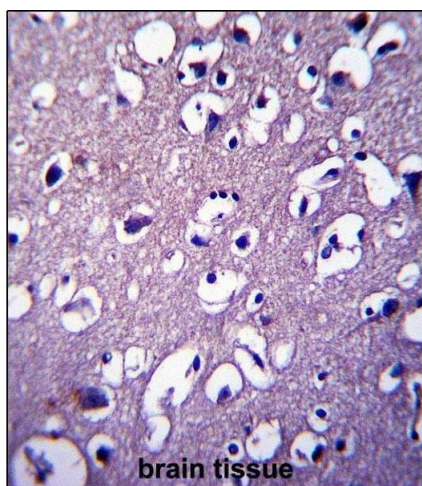
Background:	DCTN4 could have a dual role in dynein targeting and in ACTR1A/Arp1 subunit of dynactin pointed-end capping. Could be involved in ACTR1A pointed-end binding and in additional roles in linking dynein and dynactin to the cortical cytoskeleton.
Molecular Weight:	52337
Gene ID:	51164
NCBI Accession:	NP_001129115 , NP_001129116 , NP_057305
UniProt:	Q9UJW0

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	DCTN4 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. DCTN4 Antibody (N-term) (ABIN657377 and ABIN2846423) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DCTN4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. DCTN4 Antibody (N-term) (ABIN657377 and ABIN2846423) western blot analysis in ZR-75-1 cell line lysates (35 µg/lane). This demonstrates the DCTN4 antibody detected the DCTN4 protein (arrow).