

Datasheet for ABIN656819  
**anti-Dynamin antibody (AA 192-219)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	Dynamin (DCTN2)
Binding Specificity:	AA 192-219
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dynamin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This DCTN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 192-219 amino acids from the Central region of human DCTN2.
Clone:	RB19599
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	Dynamin (DCTN2)
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## Target Details

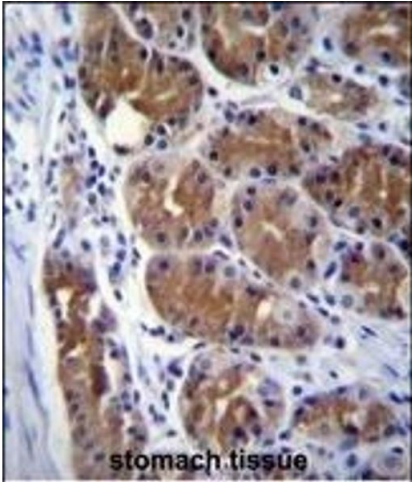
Alternative Name:	DCTN2 ( <a href="#">DCTN2 Products</a> )
Background:	This gene encodes a 50-kD subunit of dynactin, a macromolecular complex consisting of 10-11 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. It is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit is present in 4-5 copies per dynactin molecule. It contains three short alpha-helical coiled-coil domains that may mediate association with self or other dynactin subunits. It may interact directly with the largest subunit (p150) of dynactin and may affix p150 in place.
Molecular Weight:	44231
Gene ID:	10540
NCBI Accession:	<a href="#">NP_001248341</a> , <a href="#">NP_001248342</a> , <a href="#">NP_006391</a>
UniProt:	<a href="#">Q13561</a>
Pathways:	<a href="#">M Phase</a> , <a href="#">Ribonucleoprotein Complex Subunit Organization</a>

## Application Details

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

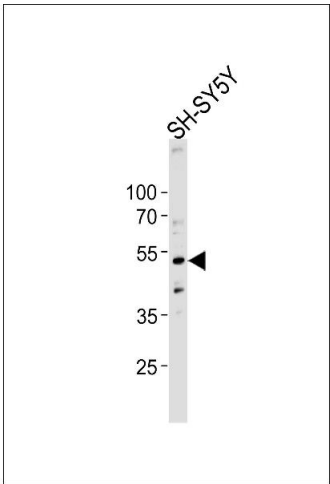
## Handling

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:	DCTN2 Antibody (Center) 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.** DCTN2 Antibody (Center) (ABIN656819 and ABIN2846032) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DCTN2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



**Western Blotting**

**Image 2.** Western blot analysis of lysate from SH-SY5Y cell line, using DCTN2 Antibody (Center) (ABIN656819 and ABIN2846032). (ABIN656819 and ABIN2846032) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg per lane.