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Datasheet for ABIN7150805
anti-Dynamitin antibody (AA 1-252)

2 Images

Overview

Quantity:	100 µg
Target:	Dynamitin (DCTN2)
Binding Specificity:	AA 1-252
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dynamitin antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Dynactin subunit 2 protein (1-252AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Dynamitin (DCTN2)
Alternative Name:	DCTN2 (DCTN2 Products)
Background:	Background: Modulates cytoplasmic dynein binding to an organelle, and plays a role in prometaphase chromosome alignment and spindle organization during mitosis. Involved in

Target Details

anchoring microtubules to centrosomes. May play a role in synapse formation during brain development.

Aliases: 50 kD dynein associated polypeptide antibody, 50 kDa dynein associated polypeptide antibody, 50 kDa dynein-associated polypeptide antibody, DCTN-50 antibody, DCTN2 antibody, DCTN2_HUMAN antibody, DCTN50 antibody, dynactin 2 (p50) antibody, dynactin 2 antibody, dynactin complex 50 kD subunit antibody, Dynactin complex 50 kDa subunit antibody, Dynactin subunit 2 antibody, DYNAMITIN antibody, p50 dynamitin antibody, RBP50 antibody

UniProt: [Q13561](#)

Pathways: [M Phase](#), [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

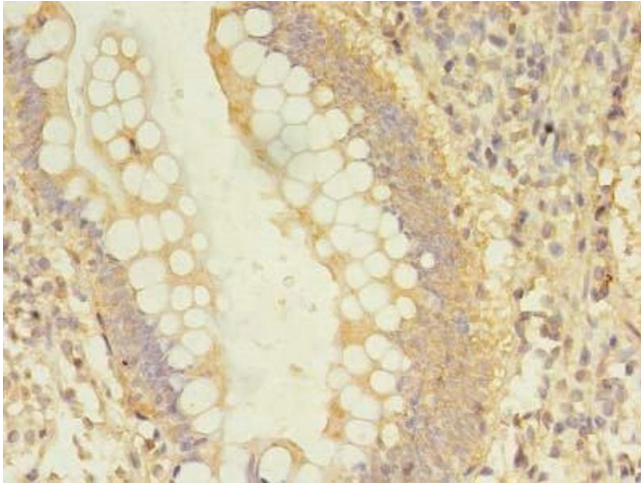
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

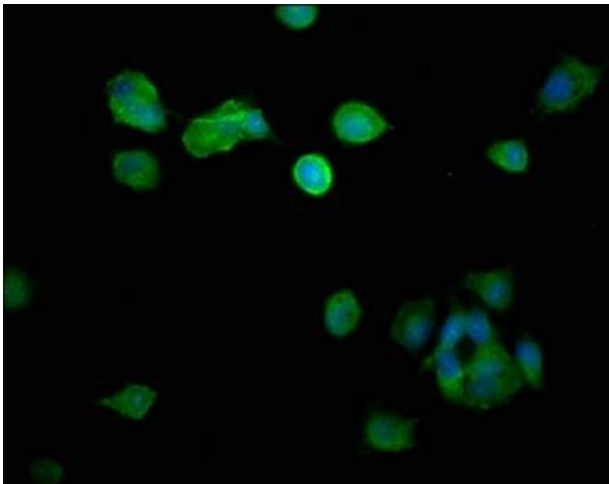
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7150805 at dilution of 1:100



Immunofluorescence

Image 2. Immunofluorescence staining of MCF-7 cells with ABIN7150805 at 1:266, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).