Product Datasheet

# DCTN1 Antibody

Catalog No: #32433

Package Size: #32433-1 50ul #32433-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

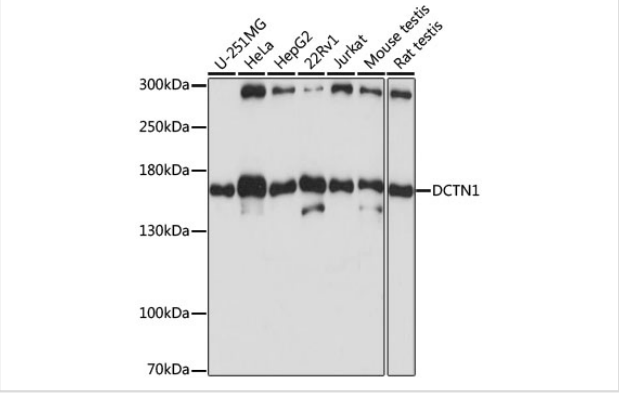
## Description

| | |
|---|---|
| Product Name | DCTN1 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Affinity purification |
| Applications | WB |
| Species Reactivity | Human,Mouse,Rat |
| Specificity | The antibody detects endogenous level of total DCTN1 protein. |
| Immunogen Type | Recombinant Protein |
| Immunogen Description | Recombinant fusion protein of human DCTN1 (NP_001128513.1). |
| Target Name | DCTN1 |
| Other Names | DCTN1;DAP-150;DP-150;P135 |
| Accession No. | Uniprot:Q14203GeneID:1639 |
| Uniprot | Q14203 |
| GeneID | 1639 |
| SDS-PAGE MW | 150kDa |
| Concentration | 1.0mg/ml |
| Formulation | PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. |

## Application Details

WB□1:500 - 1:2000

## Images




Western blot analysis of extracts of various cell lines, using DCTN1 antibody.

## Background

This gene encodes the largest subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. Dynactin 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 interacts with dynein intermediate chain by its domains directly binding to dynein and binds to microtubules via a highly conserved glycine-rich cytoskeleton-associated protein (CAP-Gly) domain in its N-terminus. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. Mutations in this gene cause distal hereditary motor neuronopathy type VIIB (HMN7B) which is also known as distal spinal and bulbar muscular atrophy (dSBMA).

Note: This product is for in vitro research use only