

p50 Dynamitin Antibody

Catalog No: #33461



Package Size: #33461-1 50ul #33461-2 100ul

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

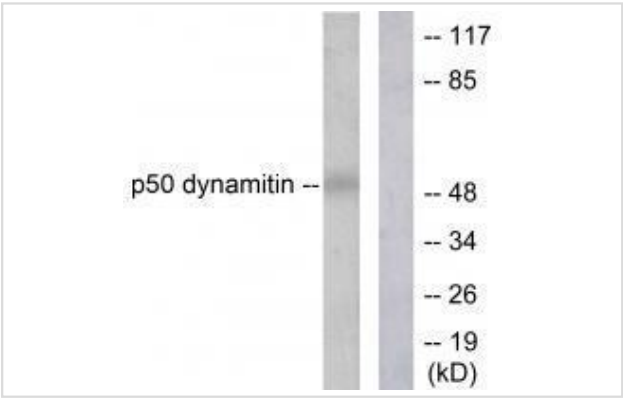
Description

Product Name	p50 Dynamitin Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total p50 dynamitin protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human p50 dynamitin.
Target Name	p50 Dynamitin
Other Names	50 kDa dynein-associated polypeptide; DCT2; DCTN-50; DCTN2; dynactin complex 50 kDa subunit
Accession No.	Swiss-Prot: Q13561NCBI Gene ID: 10540
Uniprot	Q13561
GeneID	10540;
SDS-PAGE MW	50kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

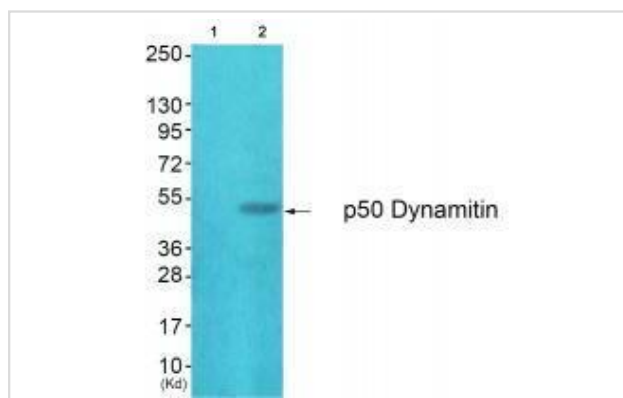
Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from A549 cells, using p50 dynamitin antibody #33461.



Western blot analysis of extracts from HuvEc cells (Lane 2), using p50 Dynamitin antibody #33461. The lane on the left is treated with synthesized peptide.

Background

Modulates cytoplasmic dynein binding to an organelle, and plays a role in prometaphase chromosome alignment and spindle organization during mitosis. Involved in anchoring microtubules to centrosomes. May play a role in synapse formation during brain development.

Scott S. Grieshaber, J. Cell Sci., Sep 2003; 116: 3793.

Janis K. Burkhardt, J. Cell Biol., Oct 1997; 139: 469.

Karin A. Melkonian, J. Biol. Chem., Apr 2007; 10.1074.

Lili Yue, J. Biol. Chem., Jul 2000; 275: 23948.

Note: This product is for in vitro research use only