



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58450_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/dctn2-antibody-n-terminal-region-biotin-arp58450-p050-biotin.html">www.avivasysbio.com/dctn2-antibody-n-terminal-region-biotin-arp58450-p050-biotin.html</a>
Name	DCTN2 Antibody - N-terminal region : Biotin (ARP58450_P050-Biotin)
Protein Size (# AA)	406 amino acids
Molecular Weight	45kDa
Subunit	2
Conjugation	Biotin
NCBI Gene Id	10540
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Dynactin 2 (p50)
Alias Symbols	RBP50, DCTN50, HEL-S-77, DYNAMITIN
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">ADPKYADLPGIARNEPDVYETSDDLPEDDQAEFDFAQELELTSTSVEHI</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Camargo,L.M., (2007) Mol. Psychiatry 12 (1), 74-86
Description of Target	DCTN2 is 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	KIFC3; CCDC172; HAUS1; BLOC1S6; DCTN2; BICD2; DYNC111; DCTN1; UBC; FLNB; NUP43; LEO1; SEH1L; ACTR10; DCTN4; DCTN3; ACTR1A; ACTR1B; RABEP1; LMNB1; GADD45A; KPNA2; SMURF1; DYNLRB1; STRN4; RANBP9; TPM4; SNRPA1; PSMD4; PSMD1; PSMC4; PSMC2; POLR2D; POLR2A; MCM
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-DCTN2 (ARP58450_P050-Biotin) antibody</a>
Blocking Peptide	For anti-DCTN2 (ARP58450_P050-Biotin) antibody is <a href="#">Catalog # AAP58450</a> (Previous Catalog # AAPP34559)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human DCTN2
Uniprot ID	<a href="#">Q13561</a>
Protein Name	Dynactin subunit 2
Protein Accession #	<a href="#">NP_006391</a>

<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_006400</a>
<b>Gene Symbol</b>	<a href="#">DCTN2</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
<b>Image 1</b>	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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