

DCTN3 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3366a**Specification**

DCTN3 Antibody (internal region) - Product Information

Application	WB
Primary Accession	O75935
Other Accession	NP_009165.1 , NP_077324.1 , 11258 , 53598 (mouse), 362504 (rat)
Reactivity	Human, Mouse, Rat
Predicted	Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	21119

DCTN3 Antibody (internal region) - Additional Information**Gene ID** 11258**Other Names**Dynactin subunit 3, Dynactin complex subunit 22 kDa subunit, p22, DCTN3
{ECO:0000312|EMBL:CAG46687.1}, DCTN22**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DCTN3 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

DCTN3 Antibody (internal region) - Protein Information**Name** DCTN3 {ECO:0000312|EMBL:CAG46687.1}**Synonyms** DCTN22**Function**

Part of the dynactin complex that activates the molecular motor dynein for ultra-processive transport along microtubules (By similarity). Together with dynein may be involved in spindle assembly and cytokinesis (PubMed:

target="_blank">9722614).

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Chromosome, centromere, kinetochore. Cytoplasm, cytoskeleton, spindle. Cleavage furrow. Midbody
Note=Localizes to punctate cytoplasmic structures and to the centrosome during interphase, and to kinetochores and to spindle poles throughout mitosis. Colocalizes with dynein to the cleavage furrow and to midbody of dividing cells

Tissue Location

Ubiquitously expressed. Highly expressed in muscle and pancreas and detected at lower levels in brain

DCTN3 Antibody (internal region) - Protocols

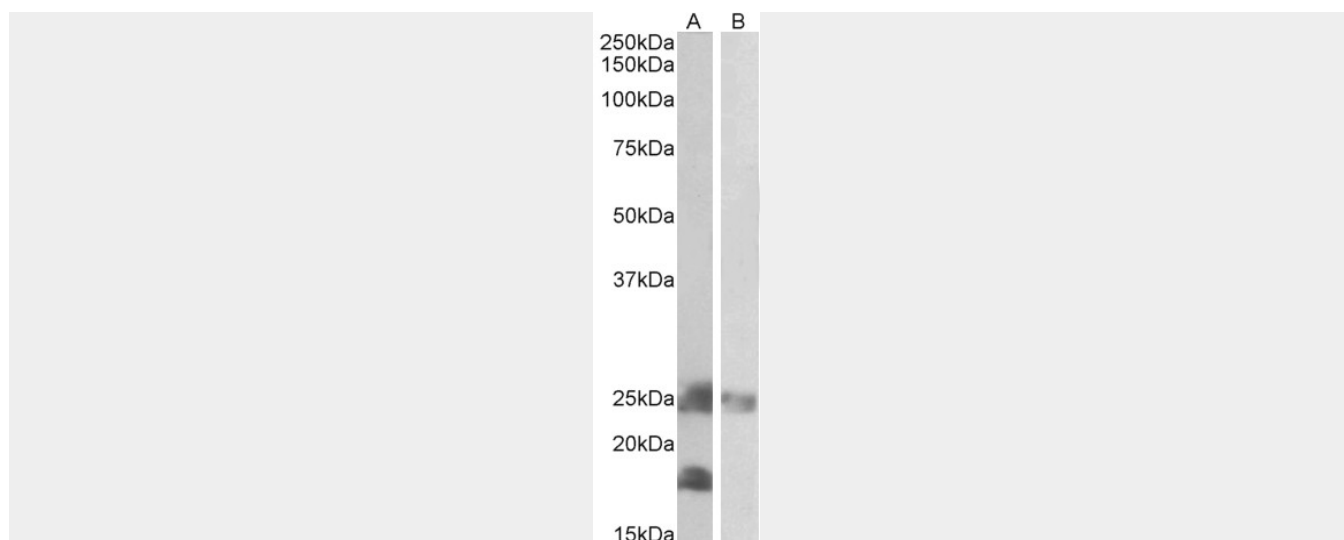
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DCTN3 Antibody (internal region) - Images



AF3366a (0.03 µg/ml) staining of Human Kidney lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF3366a (0.2 µg/ml) staining of Mouse (A) and Rat (B) Skeletal Muscle lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

DCTN3 Antibody (internal region) - Background

This antibody is expected to recognize both reported isoforms (NP_009165.1; NP_077324.1).

DCTN3 Antibody (internal region) - References

Breast cancer molecular signatures as determined by SAGE: correlation with lymph node status. Abba MC, Sun H, Hawkins KA, Drake JA, Hu Y, Nunez MI, Gaddis S, Shi T, Horvath S, Sahin A, Aldaz CM. Mol Cancer Res. 2007 Sep;5(9):881-90. PMID: 17855657