

## Product datasheet for **TA369074**

### Dynamitin (DCTN2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: 293T cells, mouse brain tissue and A375 cells IHC: 50-200 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human DCTN2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	44 kDa
Gene Name:	dynactin subunit 2
Database Link:	<a href="#">Entrez Gene 10540 Human Q13561</a>



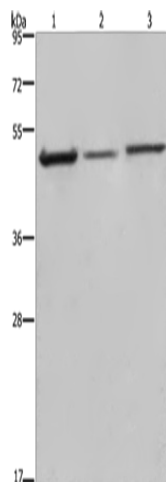
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**Background:**

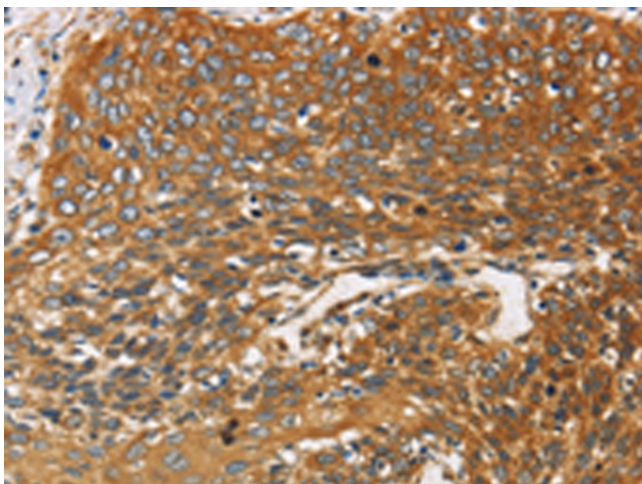
This gene encodes a 50-kD subunit of dynactin, a macromolecular complex consisting of 10-11 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. It is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal 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.

**Synonyms:**

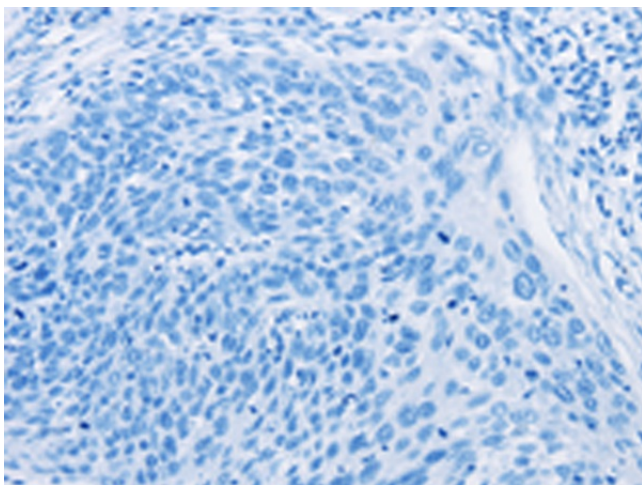
DCTN-50; DCTN50; DYNAMITIN; RBP50

**Product images:**

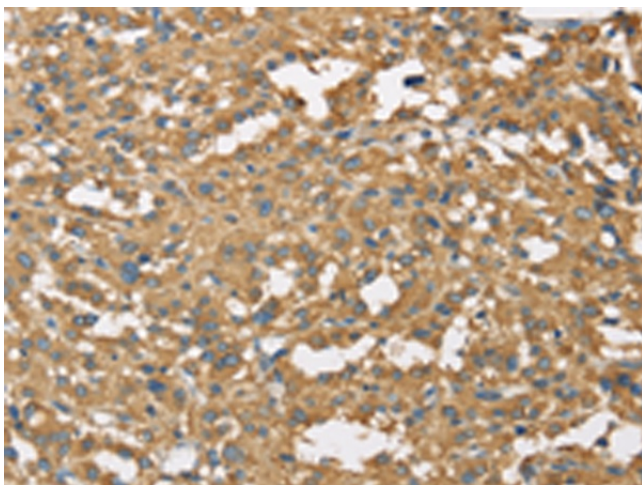
Gel: 8%SDS-PAGE  
Lysate: 40 µg  
Lane 1-3: 293T cells  
mouse brain tissue  
A375 cells  
Primary antibody: TA369074 (DCTN2 Antibody) at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 20 seconds



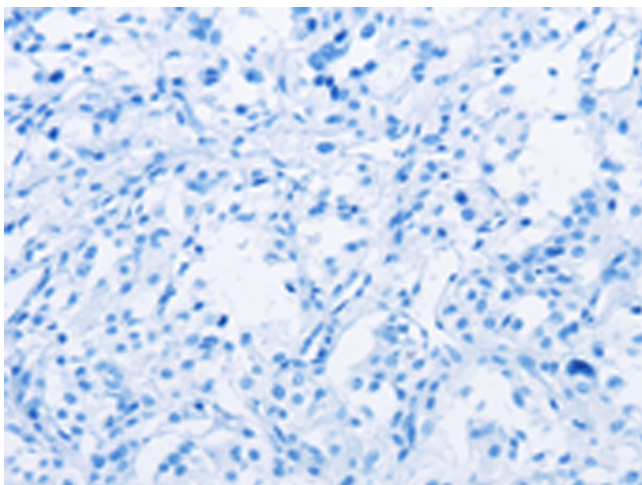
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA369074 (DCTN2 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA369074 (DCTN2 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA369074 (DCTN2 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA369074 (DCTN2 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)