

## Product datasheet for **TA369073S**

### DCTN1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: 293T cells IHC: 100-300 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human DCTN1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	142 kDa
Gene Name:	dynactin subunit 1
Database Link:	<a href="#">Entrez Gene 1639 Human Q14203</a>



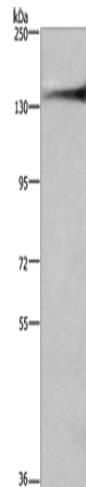
[View online »](#)

**Background:**

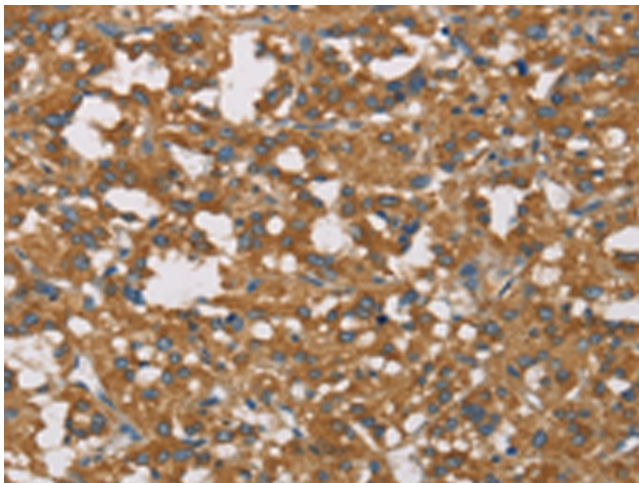
This gene encodes the largest subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. Dynactin is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal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

**Synonyms:**

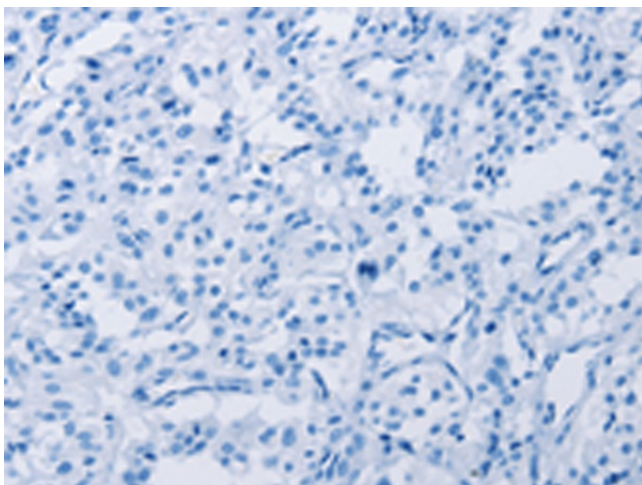
DAP-150; DP-150; HMN7B; OTTHUMP00000202491; P135; p150-glued

**Product images:**

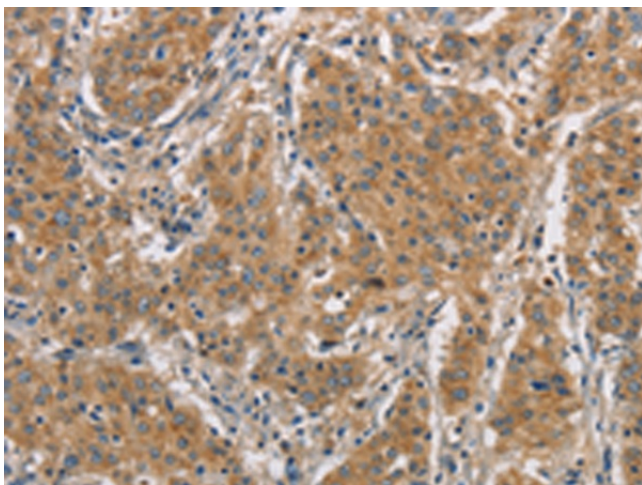
Gel: 6%SDS-PAGE  
Lysate: 40 µg  
Lane: 293T cells  
Primary antibody: [TA369073] (DCTN1 Antibody)  
at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 10 seconds



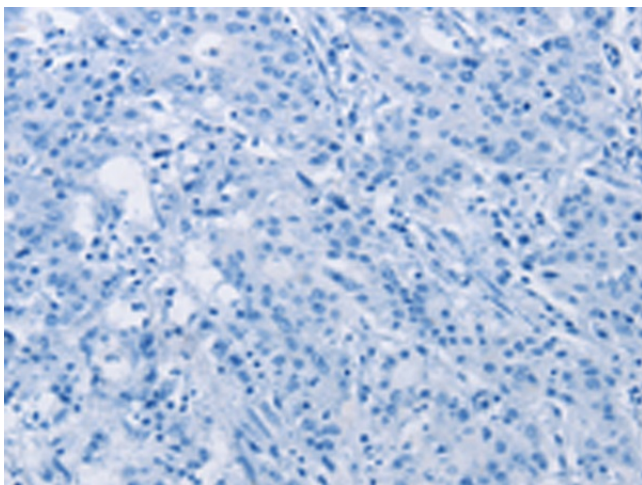
Immunohistochemistry of paraffin-embedded  
Human thyroid cancer tissue using [TA369073]  
(DCTN1 Antibody) at dilution 1/50 (Original  
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA369073] (DCTN1 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA369073] (DCTN1 Antibody) at dilution 1/50 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA369073] (DCTN1 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification:  $\times 200$ )