

**DCTN3 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58744****Specification**

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**DCTN3 Polyclonal Antibody - Product Information**

Application	IHC-P
Primary Accession	<a href="#">075935</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21119

**DCTN3 Polyclonal Antibody - 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**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**DCTN3 Polyclonal Antibody - 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:<a href="http://www.uniprot.org/citations/9722614" target="\_blank">9722614</a>).

**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**

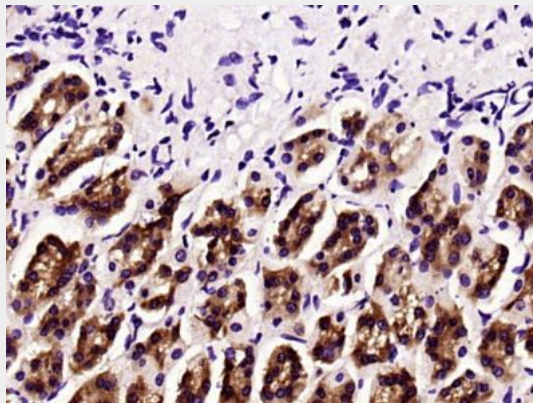
Ubiquitously expressed. Highly expressed in muscle and pancreas and detected at lower levels in brain

### **DCTN3 Polyclonal Antibody - Protocols**

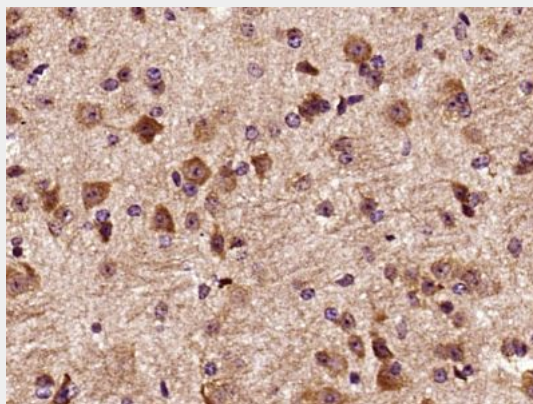
Provided below are standard protocols that you may find useful for product applications.

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

### **DCTN3 Polyclonal Antibody - Images**



Paraformaldehyde-fixed, paraffin embedded (Rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DCTN3) Polyclonal Antibody, Unconjugated (bs-7746R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DCTN3) Polyclonal Antibody, Unconjugated (bs-7746R) at 1:400 overnight at 4°C, followed by

operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.