

**DYNC1I2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP54270****Specification**

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**DYNC1I2 Polyclonal Antibody - Product Information**

Application	IHC-P
Primary Accession	<a href="#">Q13409</a>
Reactivity	Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	71457

**DYNC1I2 Polyclonal Antibody - Additional Information****Gene ID** 1781**Other Names**

Cytoplasmic dynein 1 intermediate chain 2, Cytoplasmic dynein intermediate chain 2, Dynein intermediate chain 2, cytosolic, DH IC-2, DYNC1I2, DNCI2, DNCIC2

**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.

**DYNC1I2 Polyclonal Antibody - Protein Information****Name** DYNC1I2 ([HGNC:2964](#))**Synonyms** DNCI2, DNCIC2**Function**

Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function (PubMed:<a href="http://www.uniprot.org/citations/31079899" target="\_blank">31079899</a>). Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules (PubMed:<a href="http://www.uniprot.org/citations/31079899" target="\_blank">31079899</a>). The intermediate chains mediate the binding of dynein to dynactin via its 150 kDa component (p150-glued) DCTN1 (By similarity). Involved in membrane-transport, such as Golgi apparatus, late endosomes and lysosomes (By similarity).

**Cellular Location**

Cytoplasm, cytoskeleton. Cytoplasm {ECO:0000250|UniProtKB:O88487}. Note=Detected in the cytoplasm of pachytene spermatocytes. Localizes to the manchette in elongating spermatids.

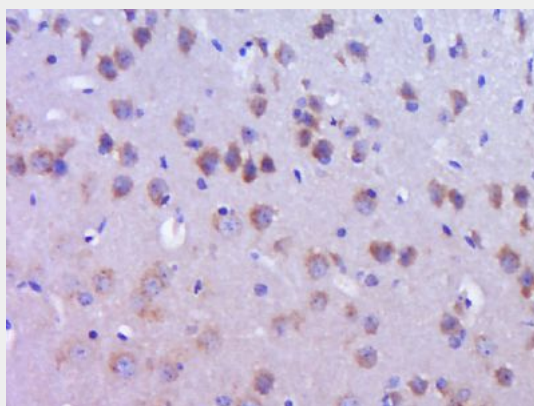
{ECO:0000250|UniProtKB:O88487}

### **DYNC1I2 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](#)

### **DYNC1I2 Polyclonal Antibody - Images**



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 (DYNC1I2) Polyclonal Antibody, Unconjugated (bs-10471R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.