

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

DYNC1I2 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	O13409
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:31079899). Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules (PubMed:31079899). 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.

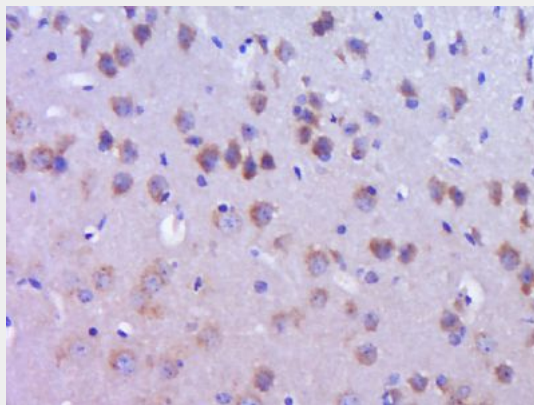
{ECO:0000250|UniProtKB:O88487}

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.