

DATASHEET

DYNC1I1 Rabbit Polyclonal Antibody

CAT. NO. APA14318

KEY FEATURES

Target	DYNC1I1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

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. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. The intermediate chains mediate the binding of dynein to dynactin via its 150 kDa component (p150-glued) DCTN1. May play a role in mediating the interaction of cytoplasmic dynein with membranous organelles and kinetochores.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to DYNC1I1
Specificity	Recognizes endogenous levels of DYNC1I1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human DYNC1I1
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 67; Observed: 73 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	DNC11; DNCIC1; Cytoplasmic dynein 1 intermediate chain 1; Cytoplasmic dynein intermediate chain 1; Dynein intermediate chain 1, cytosolic; DH IC-1
Gene Symbol	DYNC1I1
Entrez Gene	1780(Human); 13426(Mouse); 29564(Rat)
SwissProt	O14576(Human); O88485(Mouse); Q63100(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

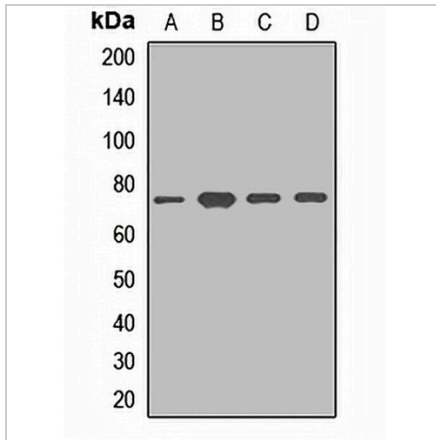
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

DYNC1I1 Rabbit Polyclonal Antibody

CAT. NO. APA14318

DATA



Western blot analysis of DYNC1I1 expression in Jurkat (A), HeLa (B), mouse brain (C), rat testis (D) whole cell lysates. (Predicted band size: 67; 68; 70; 72 kD; Observed band size: 73 kD)

Data 2

Immunohistochemical analysis of DYNC1I1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.