

Rabbit Cytoplasmic dynein 1 intermediate chain 1 Polyclonal Antibody | anti-DYNC1I1 antibody

Cytoplasmic dynein 1 intermediate chain 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31186	Rabbit	Human, Mouse, Rat	Western Blot, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

Cytoplasmic dynein 1 intermediate chain 1; Polyclonal Antibody; Cytoplasmic dynein 1 intermediate chain 1 Antibody; Cytoplasmic dynein intermediate chain 1; cytosolic; DC1I1_HUMAN; DH IC 1; DH IC-1; DH IC1; DNCI1; DNCIC1; Dync1i1; Dynein cytoplasmic 1 intermediate chain 1; Dynein intermediate chain 1; Dynein; cytoplasmic; intermediate polypeptide 1; anti-DYNC1I1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Cytoplasmic dynein 1 intermediate chain 1 Antibody detects endogenous levels of total Cytoplasmic dynein 1 intermediate chain 1.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	645
Applicable Applications for anti-DYNC1I1 antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:500-1:2000 IF: 1:100-1:500 ICC: 1:100-1:500 IHC: 1:50-1:200 ELISA(peptide): 1:20,000-1:40,000 *The optimal dilutions should be determined by the end user. IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Immunogen	A synthesized peptide derived from human Cytoplasmic dynein 1 intermediate chain 1, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA31186 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA31186 1:200) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)

AAA31186 at 1/100 staining Mouse heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



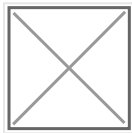
IHC (Immunohistochemistry-Paraffin)

AAA31186 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)

AAA31186 at 1/100 staining Mouse lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)

AAA31186 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)

AAA31186 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DYNC1I1 antibody

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) DCNT1. May play a role in mediating the interaction of cytoplasmic dynein with membranous organelles and kinetochores.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6647481
NCBI GeneID	1780
UniProt Accession #	O14576
Molecular Weight	72kD
NCBI Official Full Name	Cytoplasmic dynein 1 intermediate chain 1
NCBI Official Synonym Full Names	dynein cytoplasmic 1 intermediate chain 1
NCBI Official Symbol	DYNC1I1
NCBI Official Synonym Symbols	DNCI1; DNCIC1
NCBI Protein Information	cytoplasmic dynein 1 intermediate chain 1
UniProt Protein Name	Cytoplasmic dynein 1 intermediate chain 1
UniProt Gene Name	DYNC1I1

UniProt Synonym Gene Names	DNCI1; DNCIC1; DH IC-1
UniProt Entry Name	DC111_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytoplasmic-dynein-1-intermediate-chain-1-antibody-western-blot-immunofluorescence-immunocytochemistry-elisa/31186>