

Rabbit anti-Human, Mouse DYNC1I2 Polyclonal Antibody | anti-DYNC1I2 antibody

Rabbit anti-DYNC1I2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212749	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

DYNC1I2; Polyclonal Antibody; Rabbit anti-DYNC1I2 Antibody; Affinity Purified; dynein intermediate chain 2; cytosolic; IC2; testis tissue sperm-binding protein Li 66n; dynein; cytoplasmic; intermediate polypeptide 2; DIC74; DH IC-2; cytoplasmic dynein 1 intermediate chain 2; Cytoplasmic dynein intermediate chain 2; DNC12; Cytoplasmic dynein 1 intermediate chain 2; dynein cytoplasmic 1 intermediate chain 2; anti-DYNC1I2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-DYNC1I2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine, Orangutan
Immunogen	Between 588 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse DYNC1I2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-DYNC1I2 antibody AAA212749 (lot AAA212749-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

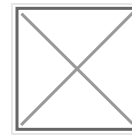


IP (Immunoprecipitation)

Detection of human DYNC1I2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-DYNC1I2 antibody AAA212749 (lot AAA212749-1) used for IP at 6 ug per reaction. DYNC1I2 was also immunoprecipitated by rabbit anti-DYNC1I2 antibody For blotting immunoprecipitated DYNC1I2, AAA212749 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

**IHC (Immunohistochemistry)**

Detection of human DYNC1I2 by immunohistochemistry. Samples: FFPE serial sections of human lung cancer. Antibody: Affinity purified rabbit anti-DYNC1I2 (Cat. No. Lot1, left image and Cat. No. AAA212749 Lot1, right image) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

**IHC (Immunohistochemistry)**

Detection of mouse DYNC1I2 by immunohistochemistry. Samples: FFPE serial sections of mouse teratoma. Antibody: Affinity purified rabbit anti-DYNC1I2 (Cat. No. Lot1, left image and Cat. No. AAA212749 Lot1, right image) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-DYNC1I2 antibody	Cytoplasmic dynein 1 intermediate chain 2 (DYNC1I2) 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. DYNC1I2 is involved in membrane-transport, such as Golgi apparatus, late endosomes and lysosomes [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q13409].
Product Categories/Family for anti-DYNC1I2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	1781
UniProt Accession #	Q13409
UniProt Protein Name	Cytoplasmic dynein 1 intermediate chain 2
UniProt Gene Name	DYNC1I2
UniProt Synonym Gene Names	DNCI2; DNCIC2; DH IC-2
UniProt Entry Name	DC1I2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dync1i2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212749>