

Rabbit anti-Human Dynein IC1 Polyclonal Antibody | anti-DNAI1 antibody

Dynein IC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322511	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

Dynein IC1; Polyclonal Antibody; Dynein IC1 Antibody; Axonemal dynein intermediate chain 1; Axonemal dynein intermediate chain 2; CILD 1; CILD1; Cytoplasmic dynein 1 intermediate chain 1; Cytoplasmic dynein 1 intermediate chain 2; Cytoplasmic dynein intermediate chain 1; Cytoplasmic dynein intermediate chain 2; DH IC 1; DH IC 2; DIC1; DNAI 1; DNAI 2; DNAI1; DNAI1_HUMAN; DNAI2; DNCI 2; DNCI1; DNCI2; DNCIC 1; DNCIC 2; DNCIC1; DNCIC2; DYNC1I1; DYNC1I2; Dynein axonemal intermediate chain 1; Dynein axonemal intermediate polypeptide 1; Dynein axonemal intermediate polypeptide 2; Dynein cytoplasmic intermediate polypeptide 1; Dynein cytoplasmic intermediate polypeptide 2; Dynein intermediate chain 1 axonemal; Dynein intermediate chain 1 cytosolic; Dynein intermediate chain 1; axonemal; Dynein intermediate chain 2 axonemal; Dynein intermediate chain 2 cytosolic; Dynein intermediate chain DNAI1; IC74; ICS; ICS1; Immotile cilia syndrome 1; MGC26204; PCD; anti-DNAI1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Dynein IC1 antibody detects endogenous levels of total Dynein IC1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	703
Applicable Applications for anti-DNAI1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Dynein IC1
Subcellular Location	Cytoskeleton
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (92%), Xenopus (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA322511 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of Dynein IC1 using COLO205 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-DNAI1 antibody	Function: Part of the dynein complex of respiratory cilia. Subunit Structure: Consists of at least two heavy chains and a number of intermediate and light chains. Interacts with BICD2. Similarity: Belongs to the dynein intermediate chain family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	526479830
NCBI GeneID	27019
NCBI Accession #	NP_001268357.1
NCBI GenBank Nucleotide #	NM_001281428.1
UniProt Accession #	Q9UI46; Q5T8G7; Q8NHQ7; Q9UEZ8; B7Z7U1
Molecular Weight	Observed: 79 kDa Predicted: 80 kDa
NCBI Official Full Name	dynein intermediate chain 1, axonemal isoform 2
NCBI Official Synonym Full Names	dynein axonemal intermediate chain 1
NCBI Official Symbol	DNAI1
NCBI Official Synonym Symbols	PCD; DIC1; ICS1; CILD1
NCBI Protein Information	dynein intermediate chain 1, axonemal
UniProt Protein Name	Dynein intermediate chain 1, axonemal
UniProt Gene Name	DNAI1

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/dynein-ic1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/322511>