

Rabbit anti-Human, Mouse Dynein LC 1 Polyclonal Antibody | anti-DNAL1 antibody

Dynein LC 1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29015	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry

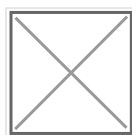
PRODUCT SYNONYMS

Dynein LC 1; Polyclonal Antibody; Dynein LC 1 Polyclonal Antibody; DNAL1; C14orf168; Dynein light chain 1; axonemal; anti-DNAL1 antibody

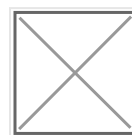
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Applicable Applications for anti-DNAL1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

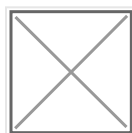
IMAGES



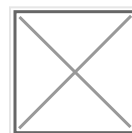
IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000.
Not yet tested in other applications.


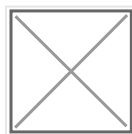
IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000.
Not yet tested in other applications.


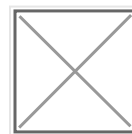
WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000.
Not yet tested in other applications.


IHC (Immunohistochemistry-Paraffin)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000.
Not yet tested in other applications.


IHC (Immunohistochemistry-Paraffin)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000.
Not yet tested in other applications.


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000.
Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-DNAL1 antibody	Part of the multisubunit axonemal ATPase complexes that generate the force for cilia motility and govern beat frequency (By similarity). Component of the outer arm dynein (ODA). May be involved in a mechanosensory feedback mechanism controlling ODA activity based on external conformational cues by tethering the outer arm dynein heavy chain (DNAH5) to the microtubule within the axoneme (By similarity). Important for ciliary function in the airways and for the function of the cilia that produce the nodal flow essential for the determination of the left-right asymmetry (PubMed:21496787).
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	318984125
NCBI GeneID	83544
NCBI Accession #	NP_001188295.1
NCBI GenBank Nucleotide #	NM_001201366.1
UniProt Accession #	Q4LDG9; Q5JPB7; Q9BS43; B2RD38
Molecular Weight	21,533 Da
NCBI Official Full Name	dynein light chain 1, axonemal isoform 2
NCBI Official Synonym Full Names	dynein, axonemal, light chain 1
NCBI Official Symbol	DNAL1
NCBI Official Synonym Symbols	CILD16; C14orf168
NCBI Protein Information	dynein light chain 1, axonemal
UniProt Protein Name	Dynein light chain 1, axonemal
UniProt Gene Name	DNAL1
UniProt Synonym Gene Names	C14orf168
UniProt Entry Name	DNAL1_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.