



Rabbit Anti-DNAH9 antibody

SL11210R

Product Name:	DNAH9
Chinese Name:	轴丝动力蛋白重链9抗体
Alias:	Dynein heavy chain; Axonemal beta dynein heavy chain 9; Ciliary dynein heavy chain 9; Ciliary dynein heavy chain; DNAH 9; DNAH17L; DNAH9; DNAH9 variant protein; Dnahc 9; Dnahc9; DNAL 1; DNAL1; DNEL 1; DNEL1; DYH 9; DYH9; Dynein axonemal heavy chain 9; Dynein axonemal heavy polypeptide 17 like; Dynein axonemal heavy polypeptide 9; dynein heavy chain 9, axonemal; HL 20; HL20; KIAA0357; DYH9 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Horse,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	512kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DNAH9:3001-3200/4486
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes the heavy chain subunit of axonemal dynein, a large multi-subunit molecular motor. Axonemal dynein attaches to microtubules and hydrolyzes ATP to

mediate the movement of cilia and flagella. The gene expresses at least two transcript variants; additional variants have been described, but their full length nature has not been determined. [provided by RefSeq, Jul 2008].

Function:

Force generating protein of respiratory cilia. Produces force towards the minus ends of microtubules. Dynein has ATPase activity; the force-producing power stroke is thought to occur on release of ADP.

Subunit:

Consists of at least two heavy chains and a number of intermediate and light chains.

Subcellular Location:

Cytoplasmic

Similarity:

Belongs to the dynein heavy chain family.

SWISS:

Q9NYC9

Gene ID:

1770

Database links:

[Entrez Gene: 1770](#)Human

[Omicron: 603330](#)Human

[SwissProt: Q9NYC9](#)Human

[Unigene: 567259](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.