



## Rabbit Anti-DNAH7 antibody

SL11023R

<b>Product Name:</b>	DNAH7
<b>Chinese Name:</b>	轴丝动力蛋白7抗体
<b>Alias:</b>	axonemal; Axonemal beta dynein heavy chain 7; Ciliary dynein heavy chain 7; DNAH7; DYH7_HUMAN; Dynein axonemal heavy chain 7; Dynein heavy chain 7; Dynein heavy chain-like protein 2; HDHC2; KIAA0944.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	461kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human DNAH7:2301-2400/4024
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	DNAH7 is a component of the inner dynein arm of ciliary axonemes (Zhang et al., 2002 [PubMed 11877439]).[supplied by OMIM, Mar 2008] <b>Function:</b> 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:**

The dynein complex consists of at least two heavy chains and a number of intermediate and light chains (By similarity).

**Subcellular Location:**

Cytoplasm; cytoskeleton; cilium axoneme.

**Tissue Specificity:**

Detected in brain, testis and trachea. Detected in bronchial cells (at protein level).

**Similarity:**

Belongs to the dynein heavy chain family.

**SWISS:**

Q8WXX0

**Gene ID:**

56171

**Database links:**

[Entrez Gene: 56171](#) Human

[Omim: 610061](#) Human

[SwissProt: Q8WXX0](#) Human

[Unigene: 97403](#) Human

**Important Note:**

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