SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-DNAH8 antibody

Catalog Number: SL14367R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DNAH8
Immunogen:	KLH conjugated synthetic peptide derived from human DNAH8: 601-700/4490
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	ELISA=1:5000-10000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Horse)
Predicted MW.:	514kDa
Subcellular Location:	cytoplasmic
Background:	The protein encoded by this gene is a heavy chain of an axonemal dynein involved in sperm and respiratory cilia motility. Axonemal dyneins generate force through hydrolysis of ATP and binding to microtubules. [provided by RefSeq, Jan 2012] **Function:** Dyneins are microtubule-associated motor protein complexes which are composed of several heavy, light, and intermediate chains. Dynein heavy chains (DHCs) are responsible for force production and ATPase activity and contain a highly conserved catalytic domain with 4 P-loop consensus motifs involved in nucleotide binding. Two major classes of dyneins, axonemal and cytoplasmic, have been identified. Axonemal dyneins, found in flagella and cilia, are components of the outer and inner dynein arms attached to the peripheral microtubule doublets. DNAH8 is an outer arm axonemal DHC. **Subunit:** Consists of at least two heavy chains and a number of intermediate and light chains.

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

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	Subcellular Location: Cytoplasm, cytoskeleton, cilium axoneme (By similarity). **Similarity:** Belongs to the dynein heavy chain family. **Database links:** **Entrez Gene:** 1769 Human Omim: 603337 Human **SwissProt:** Q96JB1 Human **Unigene:** 520106 Human

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