SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-DNAH6 antibody

Catalog Number: SL14366R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DNAH6
Immunogen:	KLH conjugated synthetic peptide derived from human DNAH6: 251-400/4158
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:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse)
Predicted MW.:	476kDa
Subcellular Location:	cytoplasmic
Background:	Dyneins are microtubule-associated motor protein complexes composed of several heavy, light, and intermediate chains. Two major classes of dyneins, axonemal and cytoplasmic, have been identified. DNAH6 is an axonemal dynein heavy chain (DHC) (Vaughan et al., 1996 [PubMed 8812413]).[supplied by OMIM, Mar 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. **Subcellular Location:** Cytoplasm; cytoskeleton; cilium axoneme. **Tissue Specificity:** Detected in brain, testis and trachea. **Similarity:** Belongs to the dynein heavy chain family. **Database links:**

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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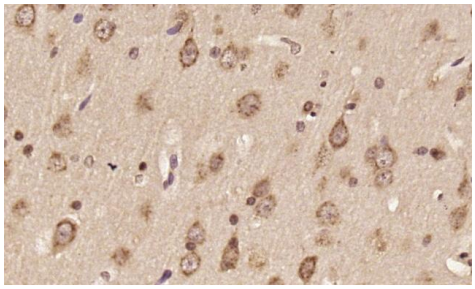
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	Entrez Gene: 1768 Human Omim: 603336 Human **SwissProt:** Q9C0G6 Human **Unigene:** 249972 Human

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DNAH6) Polyclonal Antibody, Unconjugated (SL14366R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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