

DNAH7 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54345**Specification****DNAH7 Polyclonal Antibody - Product Information**

| | |
|----------------------|---|
| Application | IHC-P, IHC-F, IF, ICC, E |
| Primary Accession | Q8WXX0 |
| Reactivity | Rat, Pig, Dog, Bovine |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 461 KDa |
| Physical State | Liquid |
| Immunogen | KLH conjugated synthetic peptide derived from human DNAH7 |
| Epitope Specificity | 2301-2400/4024 |
| Isotype | IgG |
| Purity | affinity purified by Protein A |
| Buffer | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| SUBCELLULAR LOCATION | Cytoplasm; cytoskeleton; cilium axoneme. |
| SIMILARITY | Belongs to the dynein heavy chain family. |
| SUBUNIT | The dynein complex consists of at least two heavy chains and a number of intermediate and light chains (By similarity). |
| Important Note | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |

Background Descriptions

DNAH7 is a component of the inner dynein arm of ciliary axonemes (Zhang et al., 2002 [PubMed 11877439]).[supplied by OMIM, Mar 2008]

DNAH7 Polyclonal Antibody - Additional Information**Gene ID 56171****Other Names**

Dynein heavy chain 7, axonemal, Axonemal beta dynein heavy chain 7, Ciliary dynein heavy chain 7, Dynein heavy chain-like protein 2, hDHC2, DNAH7, KIAA0944

Target/Specificity

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

Dilution

IHC-P~~N/A
IHC-F~~N/A
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= "dilution_IF" > IF~~1:50~200
 ICC~~N/A
 E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

DNAH7 Polyclonal Antibody - Protein Information

Name DNAH7

Synonyms KIAA0944

Function

Force generating protein that plays an important role in respiratory cilia and sperm flagella beating (PubMed: 34476482). 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 (By similarity).

Cellular Location

Cytoplasm, cytoskeleton, cilium axoneme. Cell projection, cilium, flagellum

Tissue Location

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

DNAH7 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DNAH7 Polyclonal Antibody - Images