

DNAH8 (aa1738-1749) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3305a**Specification**

DNAH8 (aa1738-1749) Antibody (internal region) - Product Information

Application	E
Primary Accession	O96JB1
Other Accession	NP_001362.2 , 1769 , 13417 (mouse) , 207117 (rat)
Predicted Host	Human, Mouse, Rat, Rabbit, Dog
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	514664

DNAH8 (aa1738-1749) Antibody (internal region) - Additional Information**Gene ID** 1769**Other Names**

Dynein heavy chain 8, axonemal, Axonemal beta dynein heavy chain 8, Ciliary dynein heavy chain 8, DNAH8

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DNAH8 (aa1738-1749) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

DNAH8 (aa1738-1749) Antibody (internal region) - Protein Information**Name** DNAH8 ([HGNC:2952](#))**Function**

Force generating protein component of the outer dynein arms (ODAs) in the sperm flagellum. 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. Involved in sperm motility; implicated in sperm flagellar assembly.

Cellular Location

Cytoplasm, cytoskeleton, flagellum axoneme. Cytoplasm {ECO:0000250|UniProtKB:Q91XQ0}.
Note=Detected in sperm tail, with almost exclusive localization to the principal piece. Also detected in the cytoplasm of primary spermatocytes. {ECO:0000250|UniProtKB:Q91XQ0}

Tissue Location

Expressed in spermatozoa (at protein level). Not detected in airway epithelial cells (at protein level)

DNAH8 (aa1738-1749) Antibody (internal region) - 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](#)

DNAH8 (aa1738-1749) Antibody (internal region) - Images**DNAH8 (aa1738-1749) Antibody (internal region) - References**

Human V-ATPase gene can protect or predispose the host to pulmonary tuberculosis. Capparelli R, Palumbo D, Iannaccone M, Iannelli D, Genes and immunity 2009 Oct 10 (7): 641-6. PMID: 19536151