



Human DNAH5 blocking peptide (CDBP1027)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| | |
|---------------------|---|
| Product Overview | Blocking/Immunizing peptide for anti-DNAH5 antibody |
| Antigen Description | This gene encodes a dynein protein, which is part of a microtubule-associated motor protein complex consisting of heavy, light, and intermediate chains. This protein is an axonemal heavy chain dynein. It functions as a force-generating protein with ATPase activity, whereby the release of ADP is thought to produce the force-producing power stroke. Mutations in this gene cause primary ciliary dyskinesia type 3, as well as Kartagener syndrome, which are both diseases due to ciliary defects. [provided by RefSeq, Oct 2009] |
| Species | Human |
| Conjugate | Unconjugated |
| Applications | Apuri, BL, ELISA |
| Format | Lyophilized powder |
| Size | 100 µg |
| Preservative | None |
| Storage | Shipped at ambient temperature, store at -20°C. |

GENE INFORMATION

| | |
|-----------------|---|
| Gene Name | DNAH5 dynein, axonemal, heavy chain 5 [Homo sapiens (human)] |
| Official Symbol | DNAH5 |
| Synonyms | DNAH5; dynein, axonemal, heavy chain 5; HL1; PCD; CILD3; KTGNR; DNAHC5; dynein heavy chain 5, axonemal; ciliary dynein heavy chain 5; axonemal beta dynein heavy chain 5; dynein, |

axonemal, heavy polypeptide 5;

Entrez Gene ID

[1767](#)

mRNA Refseq

[NM_001369.2](#)

Protein Refseq

[NP_001360.1](#)

UniProt ID

Q8TE73

Chromosome Location

5p15.2

Function

ATP binding; ATPase activity; microtubule motor activity;