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## DNAH14 Antibody Blocking Peptide

Catalog Number: bs-9788P

Activity: Not tested

Purification: HPLC

Storage: Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Dyneins are multisubunit, high molecular weight ATPases that interact with microtubules to generate force by converting the chemical energy of ATP into the mechanical energy of movement. Cytoplasmic or axonemal Dynein heavy, intermediate, light and light-intermediate chains are all components of minus end-directed motors; the complex transports cellular cargos towards the central region of the cell. Axonemal dynein motors contain one to three non-identical heavy chains and cause a sliding of microtubules in the axonemes of cilia and flagella in a mechanism necessary for cilia to beat and propel the cell. DNAH14 (dynein, axonemal, heavy chain 14), also known as C1orf67 or HL18, is a 3,507 amino acid member of the dynein heavy chain protein family. DNAH14 is one of the force generating protein of respiratory cilia and may be involved in sperm motility through sperm flagellar assembly.