Datasheet for ABIN2810698

anti-DNAH14 antibody (Alexa Fluor 594)

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Overview

Quantity:	100 µL
Target:	DNAH14
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAH14 antibody is conjugated to Alexa Fluor 594
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C1orf67/DNAH14
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	DNAH14
Alternative Name:	C1orf67 (DNAH14 Products)
Background:	Synonyms: Chromosome 1 open reading frame 67, Coiled coil domain containing protein C1orf67, Hypothetical protein LOC200095, MGC149665, MGC149666, MGC27277, MGC51214, DYH14_HUMAN. Background: Dyneins are multisubunit, high molecular weight ATPases that interact with

Target Details

	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.
Gene ID:	127602

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months