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Datasheet for ABIN1387169 anti-DNAH14 antibody



Overview

Quantity:	100 μL
Target:	DNAH14
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNAH14 antibody is un-conjugated
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C1orf67/DNAH14
Isotype:	lgG
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.

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	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.
Gene ID:	127602
Application Details	
Application Notes:	IHC-P 1:200-400
	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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