Datasheet for ABIN4999255

anti-CCDC39 antibody (AbBy Fluor® 750)

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Overview

Quantity:	100 µL
Target:	CCDC39
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCDC39 antibody is conjugated to AbBy Fluor® 750
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CCDC39
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CCDC39
Alternative Name:	CCDC39 (CCDC39 Products)
Background:	Synonyms: CCD39_HUMAN, Ccdc39, Coiled-coil domain-containing protein 39. Background: Required for assembly of dynein regulatory complex (DRC) and inner dynein arm

Target Details

	complexes, which are responsible for ciliary beat regulation, thereby playing a central role in motility in cilia and flagella. Not required for outer dynein arm complexes assembly.Tissue specificity:Mainly expressed in nasal brushings and, to a lesser extent, in lungs and testis.Involvement in disease:Defects in CCDC39 are the cause of primary ciliary dyskinesia type 14 (CILD14) . A disorder characterized by abnormalities of motile cilia. Respiratory infections leading to chronic inflammation and bronchiectasis are recurrent, due to defects in the respiratory cilia, reduced fertility is often observed in male patients due to abnormalities of sperm tails. Half of the patients exhibit randomization of left-right body asymmetry and situs inversus, due to dysfunction of monocilia at the embryonic node. Primary ciliary dyskinesia associated with situs inversus is referred to as Kartagener syndrome.
Gene ID:	339829

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.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months