bs-8096R

[Primary Antibody]

CCDC39 Rabbit pAb

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

Reactivity: Human (predicted: Mouse,

Rat, Rabbit, Cow, Horse)

Applications: WB (1:500-2000)

Predicted 110 kDa

Subcellular Location: Cytoplasm

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 339829 SWISS: Q9UFE4

Target: CCDC39

Immunogen: KLH conjugated synthetic peptide derived from human CCDC39:

651-750/941.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

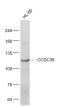
Background: Required for assembly of dynein regulatory complex (DRC) and inner dynein arm complexes, which are responsible for ciliary beat regulation, thereby playing a central role in motility in cilia and flagella. Not required for outer dynein arm complexes assembly. Tissue specificity: Mainly expressed 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.

VALIDATION IMAGES

Sample: DU145(Human) Cell Lysate at 30 ug Primary: Anti- CCDC39 (bs-8096R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 110 kD Observed band size: 110 kD



Sample: HL-60(Human) Cell Lysate at 30 ug Primary: Anti- CCDC39 (bs-8096R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 110 kD Observed band size: 110 kD