



Rabbit Anti-CCDC39 antibody

SL8096R

Product Name:	CCDC39
Chinese Name:	卷曲螺旋结构域蛋白39抗体
Alias:	CCD39 HUMAN; Ccdc39; Coiled-coil domain-containing protein 39.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	110kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CCDC39:651-750/941
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Function:

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.

Subcellular Location:

Cytoplasm, cytoskeleton, cilium axoneme. Note=CCDC40 is required for localization to axonemes.

Tissue Specificity:

Mainly expressed in nasal brushings and, to a lesser extent, in lungs and testis.

DISEASE:

Defects in CCDC39 are the cause of primary ciliary dyskinesia type 14 (CILD14) [MIM:613807]. 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.

Similarity:

Belongs to the CCDC39 family.

SWISS:

Q9UFE4

Gene ID:

339829

Database links:

[Entrez Gene: 488089](#)Dog

[Entrez Gene: 339829](#)Human

[Entrez Gene: 51938](#)Mouse

[Oimim: 613798](#)Human

[SwissProt: E2R115](#)Dog

[SwissProt: Q9UFE4](#)Human

[SwissProt: Q9D5Y1](#)Mouse

[Unigene: 712820](#)Human

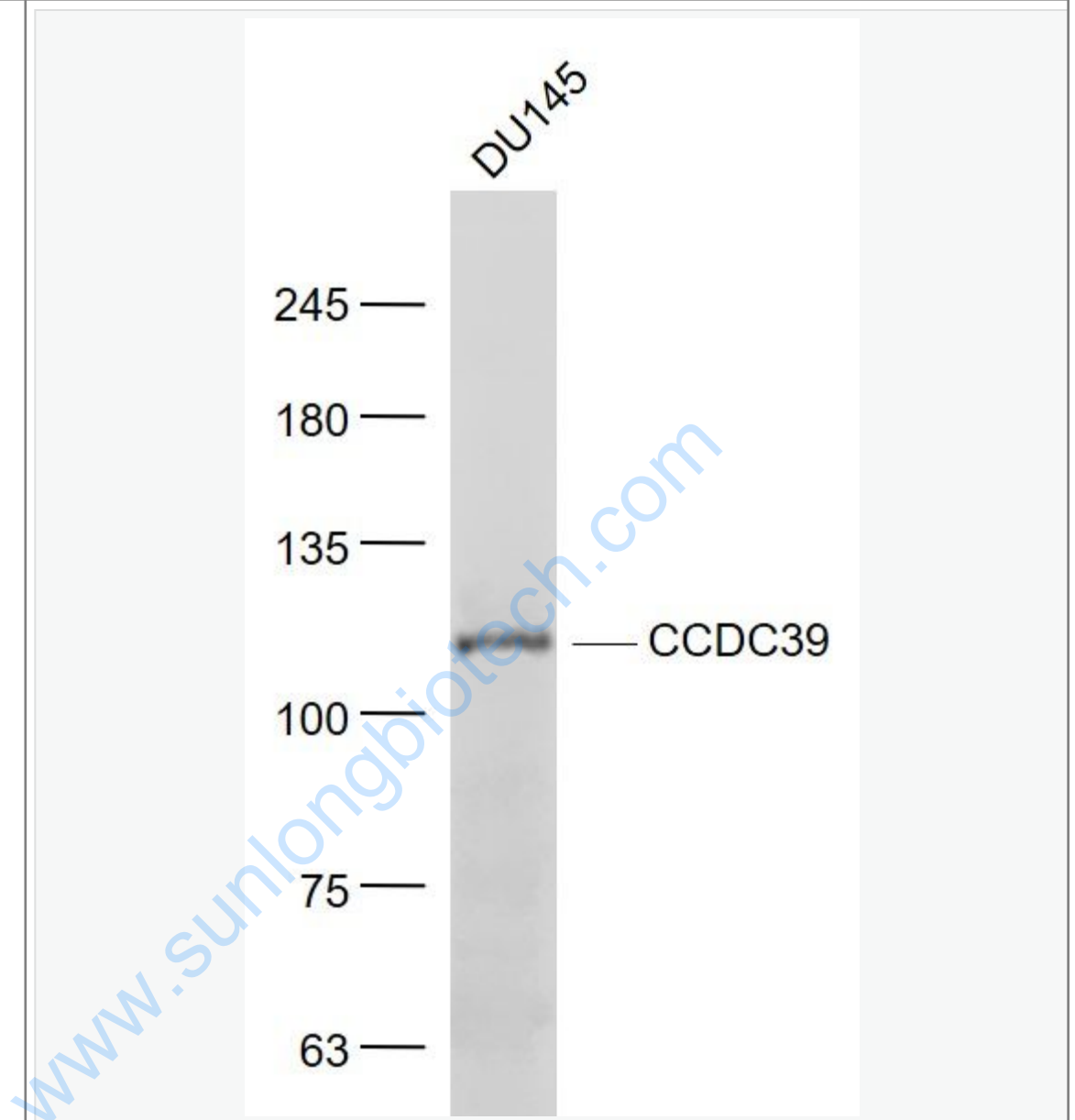
[Unigene: 474546](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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Picture:



Sample:

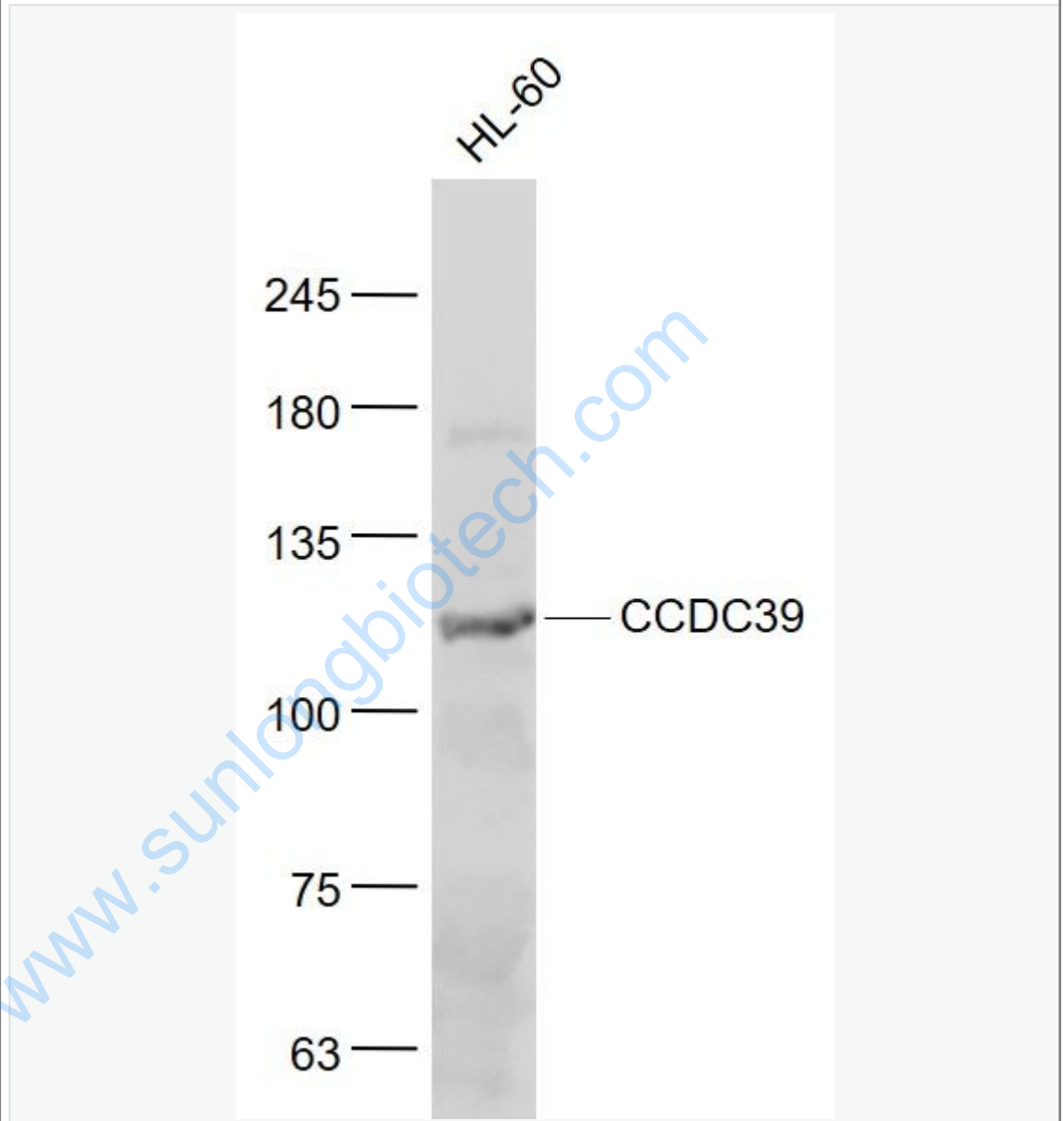
DU145(Human) Cell Lysate at 30 ug

Primary: Anti- CCDC39 (SL8096R) 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 (SL8096R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

	<p>Predicted band size: 110 kD</p>
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	<p>Observed band size: 110 kD</p>
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