

CCDC135 Rabbit pAb

Catalog # AP96302

Product Information

Application	WB, E
Primary Accession	Q8IY82
Other Accession	Q8IY82
Predicted	Rat, Human, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	103497
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CCDC135
Epitope Specificity	101-200/874
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell projection, cilium, flagellum.
SIMILARITY	Belongs to the CCDC135 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	DRC7 (Dynein Regulatory Complex Subunit 7) is a Protein Coding gene. Diseases associated with DRC7 include Meckel Syndrome, Type 1 and Joubert Syndrome 1.

Additional Information

Gene ID	84229
Other Names	C16orf50; CCDC135; CFAP50; FAP50; DRC7_HUMAN; DRC7; Coiled-coil domain-containing protein 135; Coiled-coil domain-containing protein lobo homolog; dynein regulatory complex subunit 7; chromosome 16 open reading frame 50; coiled-coil domain containing 135
Dilution	WB=1:500-2000,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	DRC7
Synonyms	C16orf50, CCDC135

Function	Component of the nexin-dynein regulatory complex (N-DRC) a key regulator of ciliary/flagellar motility which maintains the alignment and integrity of the distal axoneme and regulates microtubule sliding in motile axonemes (By similarity). Involved in the regulation of flagellar motility (By similarity). Essential for male fertility, sperm head morphogenesis and sperm flagellum formation (By similarity).
Cellular Location	Cell projection, cilium, flagellum {ECO:0000250 UniProtKB:A8JAM0}. Cytoplasm, cytoskeleton, cilium axoneme {ECO:0000250 UniProtKB:A8JAM0}. Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250 UniProtKB:A8JAM0}. Note=Associated with the outer doublet microtubules (OD). {ECO:0000250 UniProtKB:A8JAM0}

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.