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CCDC34 Rabbit pAb

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Catalog # AP58871

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96HJ3
Reactivity	Rat
Predicted	Pig, Human, Mouse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43225
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CCDC34
Epitope Specificity	177-280/373
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
DISEASE	Note=A chromosomal aberration involving CCDC34 is found in a patient with hamartoma of the retinal pigment epithelium and retina. Translocation t(11;18) (p13;p11.2).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The coiled-coil domain is a structural motif found in proteins that are involved in a diverse array of biological functions such as the regulation of gene expression, cell division, membrane fusion and drug extrusion and delivery. CCDC34 (coiled-coil domain containing 34), also known as Renal carcinoma antigen NY-REN-41, is a 373 amino acid protein that is expressed in testis, breast, lung, placenta, liver and small intestine. A translocation between the short arms of chromosomes 11 and 18 affecting the CCDC34 gene has been identified in a patient with hamartoma of the retinal pigment epithelium. There are two isoforms of CCDC34 that are produced as a result of alternative splicing events.

Additional Information

Gene ID	91057
Other Names	Coiled-coil domain-containing protein 34, Renal carcinoma antigen NY-REN-41, CCDC34, RAMA3
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

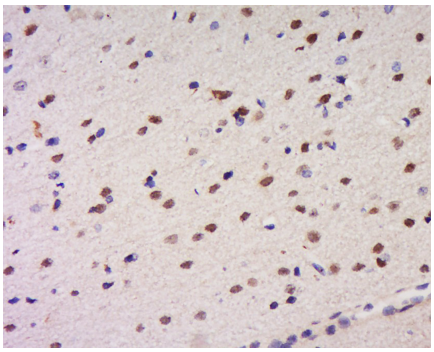
Protein Information

Name	CCDC34
Synonyms	RAMA3
Function	Involved in spermatogenesis. Has a probable role in anterograde intraflagellar transport which is essential for the formation of sperm flagella.
Cellular Location	Cell projection, cilium, flagellum. Note=Mainly located in the mid-piece of sperm flagella.
Tissue Location	Expressed in sperm..

Background

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Images



Tissue/cell: Rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-CCDC34 Polyclonal Antibody, Unconjugated(AP58871) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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