

CCDC34 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58871

Specification

CCDC34 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q96HJ3
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43 KDa
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.

CCDC34 Polyclonal Antibody - Additional Information

Gene ID 91057

Other Names

Coiled-coil domain-containing protein 34, Renal carcinoma antigen NY-REN-41, CCDC34, RAMA3

Dilution

IHC-P~~N/A<br \><span class

=>IHC-F~N/A<br \><span class
=>IF~1:50~200<br \>E~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

CCDC34 Polyclonal Antibody - 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.

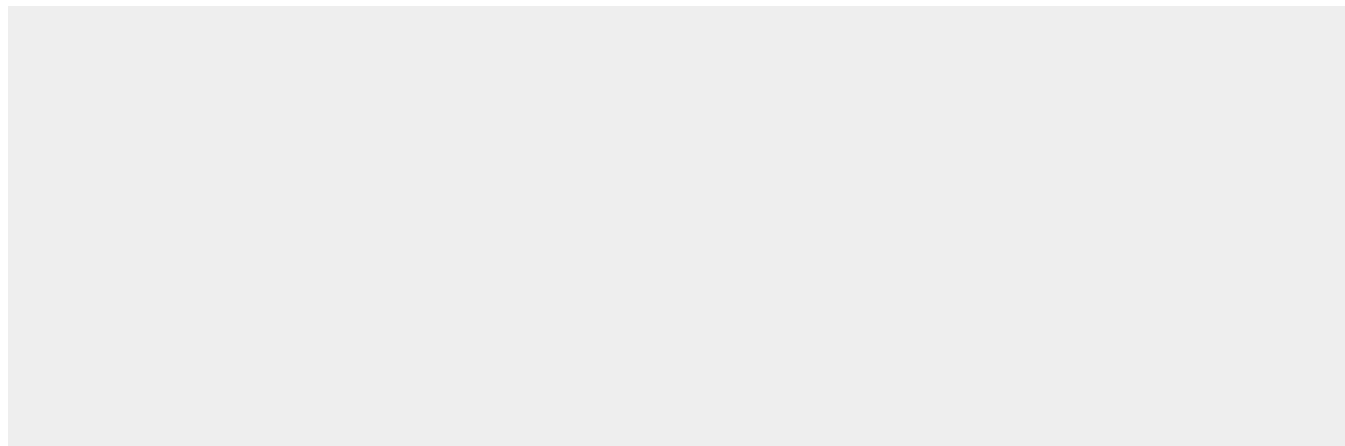
Tissue Location

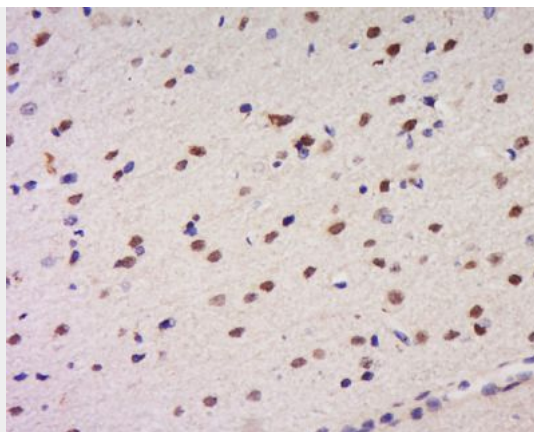
Expressed in sperm..

CCDC34 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CCDC34 Polyclonal Antibody - 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°C for 20 min;

Incubation: Anti-CCDC34 Polyclonal Antibody, Unconjugated(bs-8098R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining