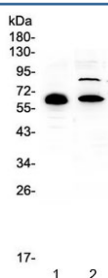


## CCDC36 Antibody (RQ4936)

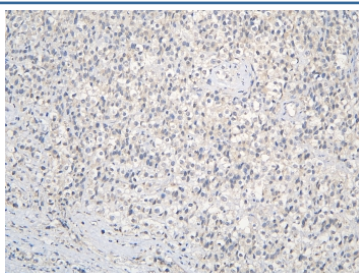
Catalog No.	Formulation	Size
RQ4936	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	Q8IYA8
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This CCDC36 antibody is available for research use only.



Western blot testing of human 1) placenta and 2) HL-60 lysate with CCDC36 antibody at 0.5ug/ml. Predicted molecular weight ~66 kDa.



IHC staining of FFPE human testis cancer with CCDC36 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.

## Description

CCDC36, also known as CT74 (cancer/testis antigen 74), is a 584 amino acid protein that contains coiled-coil domains and is expressed as three alternatively spliced isoforms. The gene encoding CCDC36 maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. Key tumor suppressing genes on chromosome 3 include those that encode the apoptosis mediator RASSF1, the cell migration regulator HYAL1 and the angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3.

## Application Notes

Optimal dilution of the CCDC36 antibody should be determined by the researcher.

## Immunogen

Amino acids E172-N472 from the human protein were used as the immunogen for the CCDC36 antibody.

## Storage

After reconstitution, the CCDC36 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.