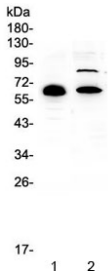
CCDC36 Antibody (RQ4936)

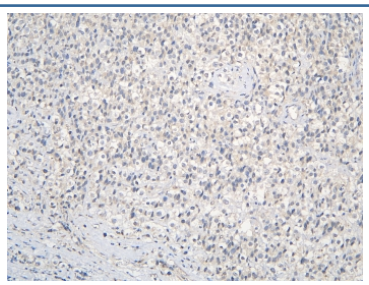
Catalog No.	Formulation	Size
RQ4936	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q8IYA8
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.