CCDC51 Antibody

Catalog No: #48072

Package Size: #48072-1 50ul #48072-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	CCDC51 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	A8-F4-D1
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Conjugates	Unconjugated
Other Names	5730568A12Rik antibody AI551049 antibody CCD51_HUMAN antibody CCDC51 antibody Coiled coil domain containing 51 antibody Coiled-coil domain-containing protein 51 antibody FLJ12436 antibody RGD1311466 antibody
Accession No.	Swiss-Prot#:Q96ER9
Calculated MW	46 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:1,000 IHC: 1:50-1:200

Background

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. CCDC51 (coiled-coil domain containing 51) is a 411 amino acid multi-pass membrane protein that exists as two alternatively spliced isoforms. The gene encoding CCDC51 maps to human chromosome 3, which is made up of about 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and 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.

References