

CCDC116 Rabbit pAb

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Catalog # AP58878

Product Information

Application	WB
Reactivity	Human
Predicted	Rat, Dog, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from Human CCDC116
Epitope Specificity	155-260/515
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	CCDC116 is a 515 amino acid protein that exists as two alternatively spliced isoforms. Encoded by a gene that maps to human chromosome 22q11.21, CCDC116 is induced by curcumin (diferulolylmethane), although its role is unclear. CCDC116 is significantly affected by dietary curcumin, which may have a protective role in inflammatory bowel disease (IBD) and may reduce the relapse rate in human ulcerative colitis (UC). As the second smallest human chromosome, chromosome 22 contains over 500 genes and about 49 million bases. Phelan-McDermid syndrome, Neurofibromatosis type 2 and autism are associated with chromosome 22. A schizophrenia susceptibility locus has been identified on chromosome 22 and studies show that 22q11 deletion symptoms include a high incidence of schizophrenia. Translocation between chromosomes 9 and 22 may lead to the formation of Philadelphia Chromosome and subsequent production of a novel fusion protein known as BCR-Abl, a potent cell proliferation activator found in several types of leukemia.

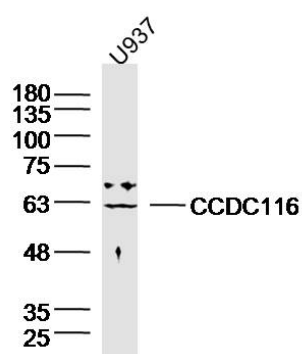
Additional Information

Other Names	Coiled-coil domain-containing protein 116, CCDC116
Dilution	WB=1:500-2000
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.

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Images



Sample:U937 (Human)cell Lysate at 40 ug
Primary: Anti-CCDC116(AP58878)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution
Predicted band size: 57kD
Observed band size: 57kD

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