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CCDC68 Rabbit pAb

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Catalog # AP58864

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9H2F9
Reactivity	Human, Mouse
Predicted	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38869
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from Human CCDC68/se57-1
Epitope Specificity	255-335/335
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	CCDC68, also known as CTCL tumor antigen se57-1, is a 335 amino acid protein expressed in cutaneous T-cell lymphoma (CTCL), bone marrow, colon, small intestine, spleen, testis and trachea tissues. CTCL is a cancer of the immune system associated with mutation of the T cells. Malignant T cells form lesions on the surface of the skin. se57-1 contains 1 coiled coil domain and is encoded by the CCDC68 gene mapping to human chromosome 18. Chromosome 18 houses over 300 protein-coding genes and contains nearly 76 million bases. There are a variety of diseases associated with defects in chromosome 18-localized genes, some of which include Trisomy 18 (also known as Edwards syndrome), Niemann-Pick disease, hereditary hemorrhagic telangiectasia, erythropoietic protoporphyria and follicular lymphomas.

Additional Information

Gene ID	80323
Other Names	Coiled-coil domain-containing protein 68, Cutaneous T-cell lymphoma-associated antigen se57-1, CTCL-associated antigen se57-1, CCDC68
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

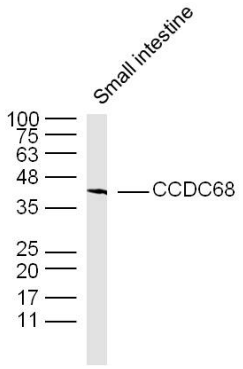
Protein Information

Name	CCDC68
Function	Centriolar protein required for centriole subdistal appendage assembly and microtubule anchoring in interphase cells (PubMed:28422092). Together with CCDC120, cooperate with subdistal appendage components ODF2, NIN and CEP170 for hierarchical subdistal appendage assembly (PubMed:28422092).
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole Note=Localizes to the subdistal appendages of centrioles (PubMed:28422092).
Tissue Location	Expressed in bone marrow, colon, small intestine, spleen, testis, trachea and cutaneous T-cell lymphoma (CTCL)

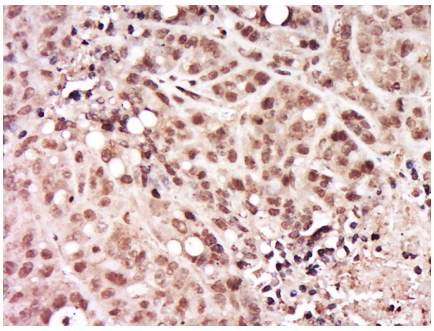
Background

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Images



Sample: Small intestine (Mouse) Lysate at 40 ug
Primary: Anti-CCDC68 (AP58864) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 39 kD
Observed band size: 39 kD



Tissue/cell: human skin 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℃ for 20 min;
Incubation: Anti-CCDC68 Polyclonal Antibody, Unconjugated(AP58864) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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