

CCDC68 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58864

Specification

CCDC68 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, E

Primary Accession
Reactivity
Rost
Clonality
Calculated MW
Rat, Dog
Rabbit
Polyclonal
39 KDa

Physical State
Liquid
Immunogen
KLH conjugated synthetic peptide derived

laG

from Human CCDC68/se57-1

Epitope Specificity 255-335/335

Isotype
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, therapoutic or diagnostic applications

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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.

CCDC68 Polyclonal Antibody - 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

Target/Specificity

Expressed in bone marrow, colon, small intestine, spleen, testis, trachea and cutaneous T-cell lymphoma (CTCL).

Dilution



Tel: 858.875.1900 Fax: 858.875.1999

WB~~1:1000<br \><span class</pre> ="dilution IHC-P">IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200
or \>E~~N/A

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.

CCDC68 Polyclonal Antibody - 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)

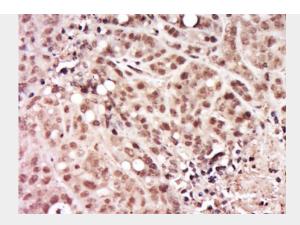
CCDC68 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CCDC68 Polyclonal Antibody - Images

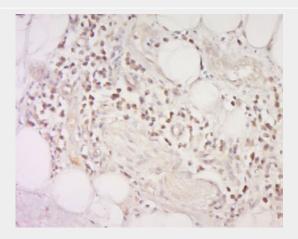




Tissue/cell: human skin tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

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° C for 20 min;

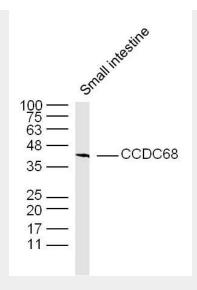
Incubation: Anti-CCDC68 Polyclonal Antibody, Unconjugated(bs-8086R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human colon carcinoma; 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°C for 20 min;

Incubation: Anti-CCDC68 Polyclonal Antibody, Unconjugated(bs-8086R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining





Sample: Small intestine (Mouse) Lysate at 40 ug Primary: Anti-CCDC68 (bs-8086R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 39 kD Observed band size: 39 kD