10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# 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 | Q9H2F9 |
| Reactivity | **Rat, Dog** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **39 KDa** |
| 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.

### 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**

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

**Storage**
Store at -20 ℃ 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 ℃.

## CCDC68 Polyclonal Antibody - Protein Information

**Name** CCDC68

**Function**
Centriolar protein required for centriole subdistal appendage assembly and microtubule anchoring in interphase cells (PubMed:<a href="http://www.uniprot.org/citations/28422092" target="_blank">28422092</a>). Together with CCDC120, cooperate with subdistal appendage components ODF2, NIN and CEP170 for hierarchical subdistal appendage assembly (PubMed:<a href="http://www.uniprot.org/citations/28422092" target="_blank">28422092</a>).

**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)

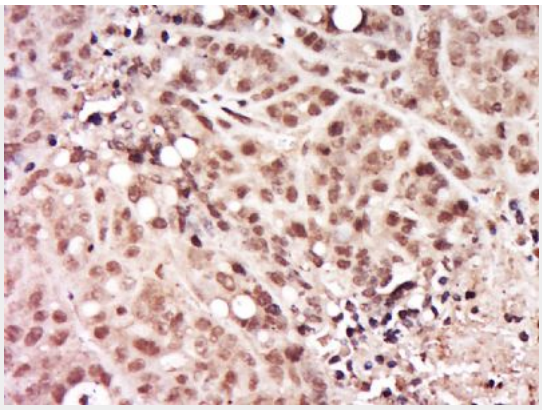
## CCDC68 Polyclonal Antibody - Protocols

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

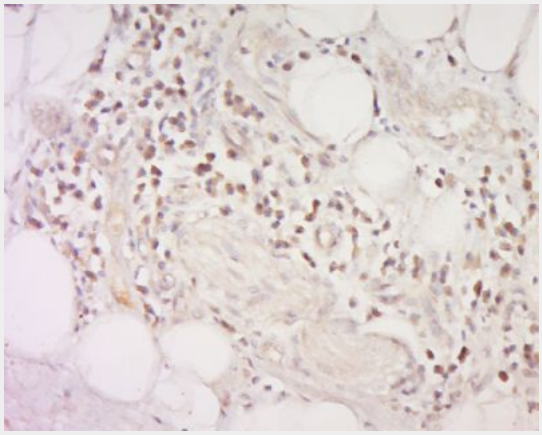
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## CCDC68 Polyclonal Antibody - Images

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

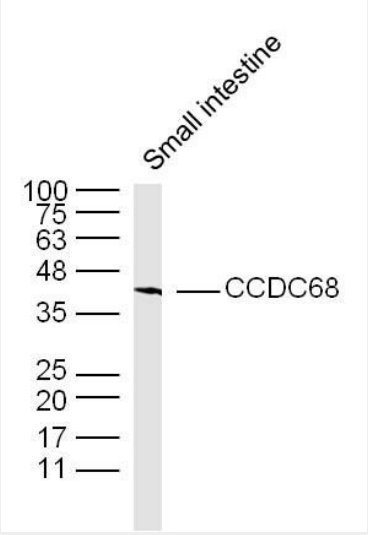


Tissue/cell: human skin tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-CCDC68 Polyclonal Antibody, Unconjugated(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℃ 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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999




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