



Rabbit Anti-CCDC7 antibody

SL7991R

Product Name:	CCDC7
Chinese Name:	卷曲螺旋结构域蛋白7抗体
Alias:	BioT2 A; BioT2 B; BioT2 C; CCDC 7; Coiled coil domain containing 7; Coiled coil domain containing protein 7; CCDC7_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	56kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CCDC7:155-250/486
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 癢 for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20癢. 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 癢.
PubMed:	PubMed
Product Detail:	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. Some proteins that contain coil-coiled domains include c-jun, c-fos and tropomyosin. Coiled-coil domains consist of two or more ?helices packed together via interlacing side chains. CCDC7 (Coiled-coil

domain-containing protein 7) is a 486 amino acid protein that contains a coiled-coil domain and is encoded by a gene that maps to human chromosome 10, which houses over 1,200 genes and comprises nearly 4.5% of the human genome. Defects in some genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromic deafness, Wolman syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria. There are two isoforms of CCDC7 that are produced as a result of alternative splicing events.

SWISS:
Q96M83

Gene ID:
221016

Database links:

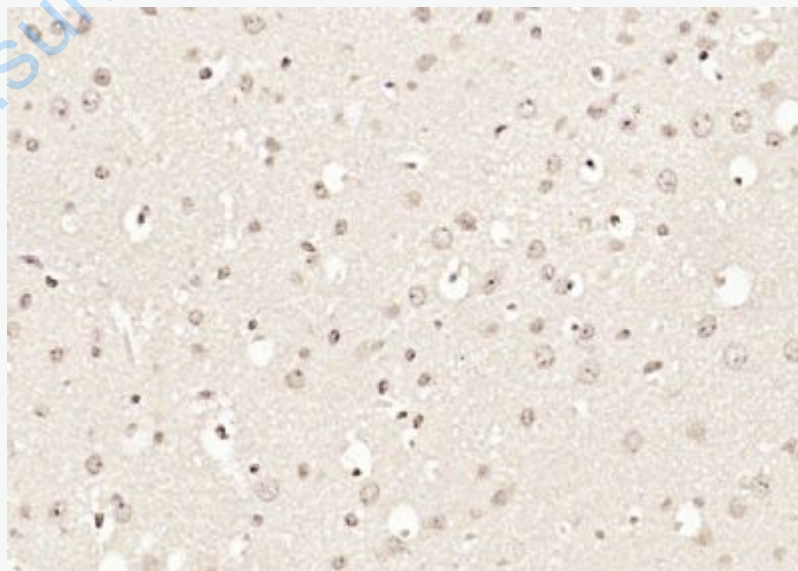
[Entrez Gene: 221016](#)Human

[SwissProt: Q96M83](#)Human

Important Note:

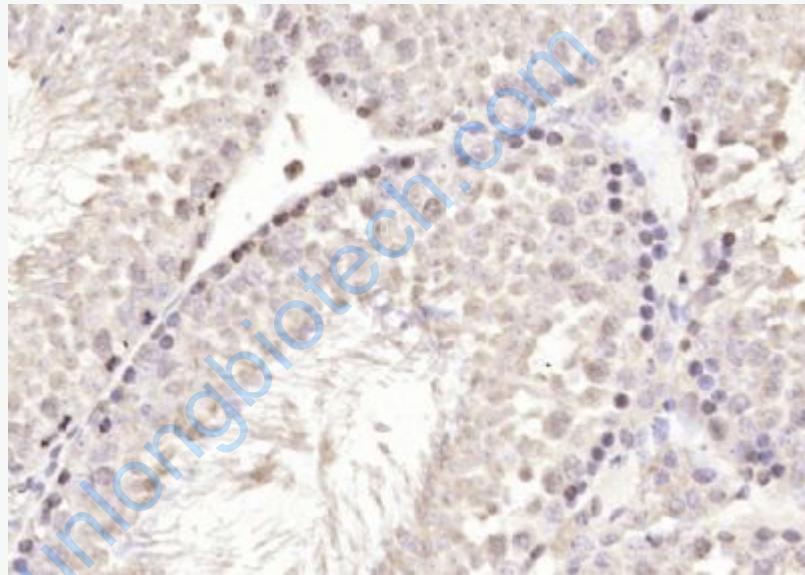
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:

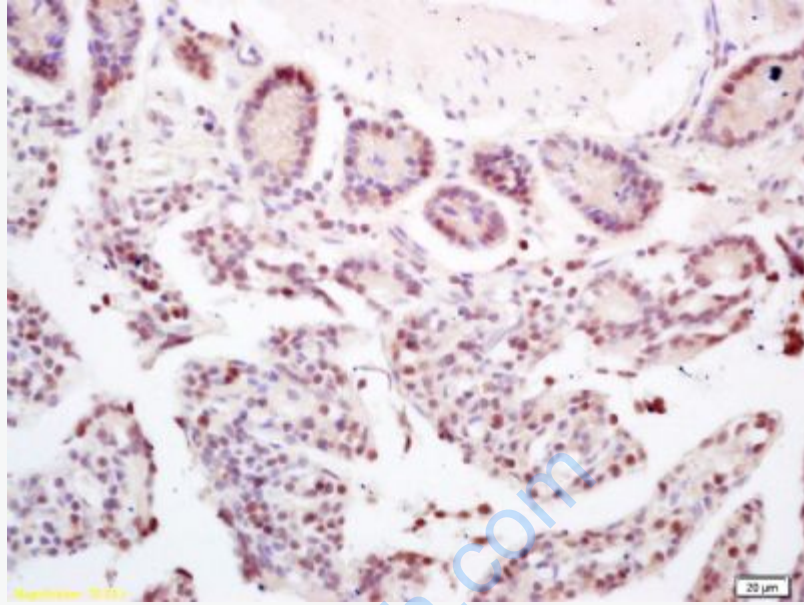


Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by

boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CCDC7) Polyclonal Antibody, Unconjugated (SL7991R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CCDC7) Polyclonal Antibody, Unconjugated (SL7991R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: Mouse intestine; 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-CCDC7 Polyclonal Antibody, Unconjugated(SL7991R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining