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Rabbit Anti-CCDC8 antibody

SL8138R

Product Name:	CCDC8
Chinese Name:	卷曲螺旋结构域蛋白8抗体
Alias:	CCDC8; CCDC8_HUMAN; Coiled-coil domain-containing protein 8; DKFZp564K0322; ENSMUSG00000041117; MGC72567.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,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:	59kDa
Cellular localization:	The nucleuscytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CCDC8:165-270/538
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 °C 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°C. 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.
PubMed:	PubMed
Product Detail:	This gene encodes a coiled-coil domain-containing protein. The encoded protein functions as a cofactor required for p53-mediated apoptosis following DNA damage, and may also play a role in growth through interactions with the cytoskeletal adaptor protein obscurin-like 1. Mutations in this gene are a cause of 3M syndrome-3 (3M3). [provided by RefSeq, Dec 2011].

Subunit:
Interacts with OBSL1.

Tissue Specificity:
Widely expressed with low levels in spleen, skeletal muscle, small intestine, kidney and liver.

Post-translational modifications:
Phosphorylated upon DNA damage, probably by ATM or ATR.

DISEASE:
Defects in CCDC8 are the cause of 3M syndrome type 3 (3M3) [MIM:614205]. A disorder characterized by poor postnatal growth and distinctive facial features, including triangular facies, frontal bossing, fleshy tipped nose, and fleshy lips. Other features may include skeletal anomalies and prominent heels.

SWISS:
Q9H0W5

Gene ID:
83987

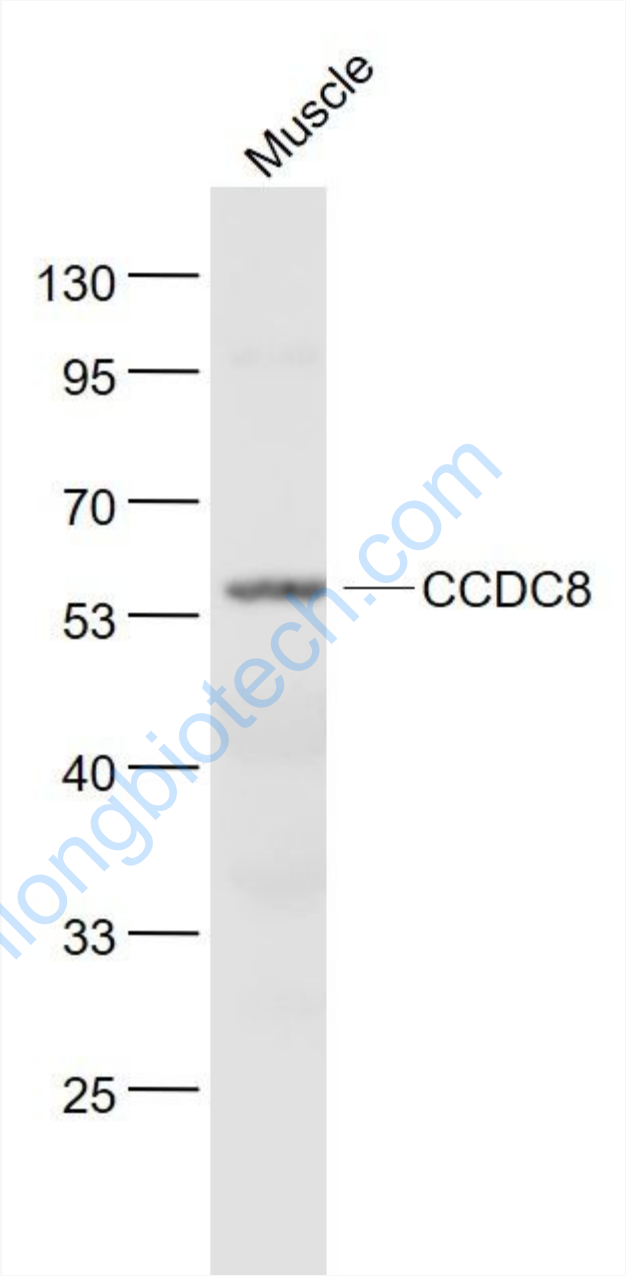
Database links:

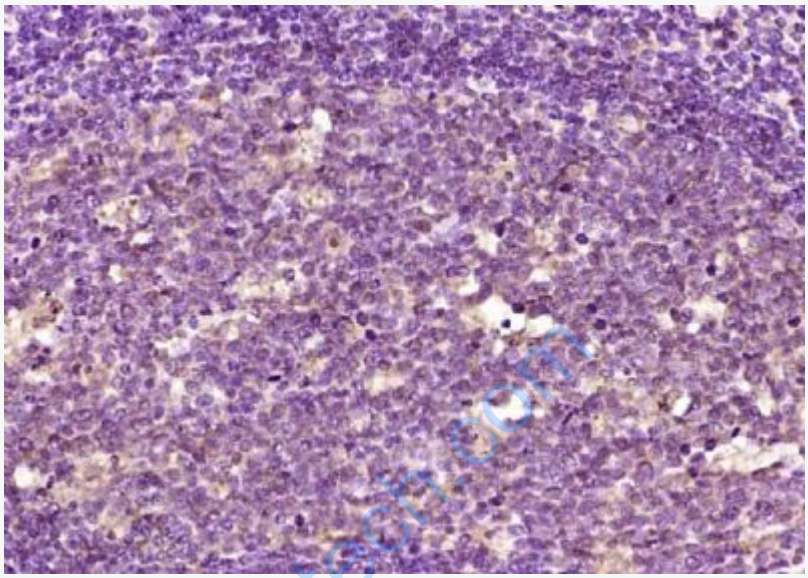
Entrez Gene: 83987Human

SwissProt: Q9H0W5Human

Unigene: 97876Human

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

Picture:	 Sample: Muscle (Mouse) Lysate at 40 ug Primary: Anti- CCDC8 (SL8138R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 59 kD

	Observed band size: 59 kD  Paraformaldehyde-fixed, paraffin embedded (human tonsil); 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 (CCDC8) Polyclonal Antibody, Unconjugated (SL8138R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.