



## Rabbit Anti-CCDC6 antibody

SL7990R

<b>Product Name:</b>	CCDC6
<b>Chinese Name:</b>	卷曲螺旋结构域蛋白6抗体(乳头状甲状腺癌编码蛋白)
<b>Alias:</b>	CCDC 6; Coiled coil domain containing 6; Coiled coil domain containing protein 6; D10S170; FLJ32286; H4; Papillary thyroid carcinoma encoded protein; Protein H4; PTC; TPC; TST 1; TST1; CCDC6 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Sheep,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	53kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CCDC6:131-200/474
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene encodes a coiled-coil domain-containing protein. The encoded protein is ubiquitously expressed and may function as a tumor suppressor. A chromosomal rearrangement resulting in the expression of a fusion gene containing a portion of this gene and the intracellular kinase-encoding domain of the ret proto-oncogene is the cause of thyroid papillary carcinoma.[provided by RefSeq, Sep 2010].

**Subcellular Location:**

Cytoplasm. Cytoplasm, cytoskeleton (Probable). Note=May be a cytoskeletal protein.

**Tissue Specificity:**

Ubiquitously expressed.

**DISEASE:**

Defects in CCDC6 are a cause of thyroid papillary carcinoma (TPC) [MIM:188550]. TPC is a common tumor of the thyroid that typically arises as an irregular, solid or cystic mass from otherwise normal thyroid tissue. Papillary carcinomas are malignant neoplasm characterized by the formation of numerous, irregular, finger-like projections of fibrous stroma that is covered with a surface layer of neoplastic epithelial cells. Note=A chromosomal aberration involving CCDC6 is found in thyroid papillary carcinomas. Inversion inv(10)(q11.2;q21) generates the RET/CCDC6 (PTC1) oncogene.

**SWISS:**

Q16204

**Gene ID:**

8030

**Database links:**

[Entrez Gene: 8030](#)Human

[Entrez Gene: 76551](#)Mouse

[Omim: 601985](#)Human

[SwissProt: Q16204](#)Human

[SwissProt: D3YZP9](#)Mouse

[Unigene: 591360](#)Human

[Unigene: 281741](#)Mouse

**Important Note:**

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