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Anti-CCDC6 Picoband Antibody

Catalog # ABO11668

Product Information

Application	WB
Primary Accession	Q16204
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Coiled-coil domain-containing protein 6(CCDC6) detection. Tested with WB in Human;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	8030
Other Names	Coiled-coil domain-containing protein 6, Papillary thyroid carcinoma-encoded protein, Protein H4, CCDC6, D10S170, TST1
Calculated MW	53291
Application Details	Western blot, 0.1-0.5 □g/ml, Human, Rat
Subcellular Localization	Cytoplasm. Cytoplasm, cytoskeleton . May be a cytoskeletal protein.
Tissue Specificity	Ubiquitously expressed.
Source	Eukaryota
Protein Name	Coiled-coil domain-containing protein 6
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human CCDC6 (156-198aa KAELEQHLEQEQEFQVNKLMKKIKKLENDTISKQLTLEQLRR E), identical to the related mouse sequence.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins.
Storage	At -20˚C for one year. After r˚Constitution, at 4˚C for one month. It˚Can also be aliquotted and stored frozen at -20˚C for a longer time.Avoid repeated freezing and thawing.

Protein Information

Name	CCDC6
Synonyms	D10S170, TST1
Function	Acts as a structural scaffold that organizes free PP2Ac into a configuration that FBXO42 can recognize and ubiquitinate, leading to its proteasomal degradation (PubMed:41986709). Also interacts independently with PPP4C through a mechanism distinct from FBXO42- mediated ubiquitination (PubMed:41484364).
Cellular Location	Cytoplasm. Cytoplasm, cytoskeleton. Note=May be a cytoskeletal protein
Tissue Location	Ubiquitously expressed.

Background

Coiled-coil domain-containing protein 6 is a protein that in humans is encoded by the CCDC6 gene. 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.

Images



Western blot analysis of CCDC6 expression in rat testis extract (lane 1) and MCF-7 whole cell lysates (lane 2). CCDC6 at 66KD was detected using rabbit anti- CCDC6 Antigen Affinity purified polyclonal antibody (Catalog # ABO11668) at 0.5 ??g/mL. The blot was developed using chemiluminescence (ECL) method .

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