

CCDC50 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14241c**Specification**

CCDC50 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q8IVM0](#)

CCDC50 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 152137

Other Names

Coiled-coil domain-containing protein 50, Protein Ymer, CCDC50, C3orf6

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CCDC50 Antibody (Center) Blocking Peptide - Protein Information

Name CCDC50

Synonyms C3orf6

Function

Involved in EGFR signaling.

Cellular Location

Cytoplasm. Note=Associated with microtubules of the cytoskeleton and mitotic apparatus.

Tissue Location

Isoform 1 and isoform 2 are coexpressed in placenta, liver, lung, kidney and pancreas. Only isoform 1 is detected in skeletal muscle, brain and heart.

CCDC50 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CCDC50 Antibody (Center) Blocking Peptide - Images**CCDC50 Antibody (Center) Blocking Peptide - Background**

This gene encodes a soluble, cytoplasmic, tyrosine-phosphorylated protein with multiple ubiquitin-interacting domains. Mutations in this gene cause nonsyndromic, postlingual, progressive sensorineural DFNA44 hearing loss. In mouse, the protein is expressed in the inner ear during development and postnatal maturation and associates with microtubule-based structures. This protein may also function as a negative regulator of NF- κ B signaling and as an effector of epidermal growth factor (EGF)-mediated cell signaling. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq].

CCDC50 Antibody (Center) Blocking Peptide - References

Farfaling, A., et al. Leukemia 23(11):2018-2026(2009) Kameda, H., et al. Biochem. Biophys. Res. Commun. 378(4):744-749(2009) Bohgaki, M., et al. Biochim. Biophys. Acta 1783(5):826-837(2008) Modamio-Hoybjør, S., et al. Am. J. Hum. Genet. 80(6):1076-1089(2007) Lamesch, P., et al. Genomics 89(3):307-315(2007)