

DNAJC15 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP13156c**Specification**

DNAJC15 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q9Y5T4](#)

DNAJC15 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 29103

Other Names

DnaJ homolog subfamily C member 15, Cell growth-inhibiting gene 22 protein, Methylation-controlled J protein, MCJ, DNAJC15, DNAJD1

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13156c was selected from the Center region of DNAJC15. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

DNAJC15 Antibody (Center) Blocking Peptide - Protein Information

Name DNAJC15

Synonyms DNAJD1

Function

Negative regulator of the mitochondrial respiratory chain. Prevents mitochondrial hyperpolarization state and restricts mitochondrial generation of ATP (By similarity). Acts as an import component of the TIM23 translocase complex. Stimulates the ATPase activity of HSPA9.

Cellular Location

Mitochondrion inner membrane; Single-pass membrane protein

Tissue Location

Expressed at highest levels in heart, followed by liver and kidney.

DNAJC15 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

DNAJC15 Antibody (Center) Blocking Peptide - Images

DNAJC15 Antibody (Center) Blocking Peptide - Background

DNAJC15 is absent or down-regulated in many advanced cases of ovarian adenocarcinoma, due to hypermethylation and allelic loss. Loss of expression correlates with increased resistance to antineoplastic drugs, such as cisplatin.

DNAJC15 Antibody (Center) Blocking Peptide - References

Need, A.C., et al. Hum. Mol. Genet. 18(23):4650-4661(2009)Witham, J., et al. Int. J. Cancer 122(11):2641-2645(2008)Hatle, K.M., et al. Mol. Cell. Biol. 27(8):2952-2966(2007)Lindsey, J.C., et al. Int. J. Cancer 118(2):346-352(2006)Strathdee, G., et al. Carcinogenesis 25(5):693-701(2004)