10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

C5orf33 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP13805c

Specification

C5orf33 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q4G0N4

C5orf33 Antibody (Center) Blocking peptide - Additional Information

Gene ID 133686

Other Names
NAD kinase 2, mitochondrial, Mitochondrial NAD kinase, NAD kinase domain-containing protein 1, mitochondrial, NADK2, C5orf33, MNADK, NADKD1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13805c was selected from the Center region of C5orf33. 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.

C5orf33 Antibody (Center) Blocking peptide - Protein Information

Name NADK2

Synonyms C5orf33, MNADK, NADKD1

Function
Mitochondrial NAD(+) kinase that phosphorylates NAD(+) to yield NADP(+). Can use both ATP or inorganic polyphosphate as the phosphoryl donor. Also has weak NADH kinase activity in vitro; however NADH kinase activity is much weaker than the NAD(+) kinase activity and may not be relevant in vivo.

Cellular Location
Mitochondrion.

Tissue Location
Widely expressed..

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

C5orf33 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

C5orf33 Antibody (Center) Blocking peptide - Images

C5orf33 Antibody (Center) Blocking peptide - Background

The specific function of C5ORF33 is not yet known. There are three named isoforms.

C5orf33 Antibody (Center) Blocking peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)Adams, M.D., et al. Nature 377 (6547 SUPPL), 3-174 (1995) :