

PNKD Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12567a

Specification

PNKD Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q8N490](#)

PNKD Antibody (N-term) Blocking peptide - Additional Information

Gene ID 25953

Other Names

Probable hydrolase PNKD, 3---, Myofibrillogenesis regulator 1, MR-1, Paroxysmal nonkinesiogetic dyskinesia protein, Trans-activated by hepatitis C virus core protein 2, PNKD, KIAA1184, MR1, TAHCCP2

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.

PNKD Antibody (N-term) Blocking peptide - Protein Information

Name PNKD

Synonyms KIAA1184, MR1, TAHCCP2

Function

Probable hydrolase that plays an aggravative role in the development of cardiac hypertrophy via activation of the NF-kappa-B signaling pathway.

Cellular Location

[Isoform 1]: Membrane; Peripheral membrane protein [Isoform 3]: Mitochondrion.

Tissue Location

Isoform 1 is only expressed in the brain. Isoform 2 is ubiquitously detected with highest expression in skeletal muscle and detected in myocardial myofibrils. Variant Val-7 and Val-9 are detected in the brain only.

PNKD Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PNKD Antibody (N-term) Blocking peptide - Images

PNKD Antibody (N-term) Blocking peptide - Background

This gene is thought to play a role in the regulation of myofibrillogenesis. Mutations in this gene have been associated with the movement disorder paroxysmal non-kinesigenic dyskinesia. Alternative splicing results in multiple transcript variants.

PNKD Antibody (N-term) Blocking peptide - References

Yang, J., et al. Neuron 66(6):871-883(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Ghezzi, D., et al. Hum. Mol. Genet. 18(6):1058-1064(2009) Friedman, A., et al. Eur. Neurol. 61(1):39-41(2009) Ren, K., et al. J. Biol. Chem. 283(51):35598-35605(2008)