

**AP53364PU-N****Polyclonal Antibody to PNKD (N-term) - Aff - Purified****Alternate names:**

FKSG19, KIAA1184, MR-1, MR1, Myofibrillogenesis regulator 1, Paroxysmal nonkinesigenic dyskinesia protein, Probable hydrolase PNKD, TAHCCP2, Trans-activated by hepatitis C virus core protein 2, UNQ2491/PRO5778

**Quantity:**

0.4 ml

**Concentration:**

0.5 mg/ml

**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.

**Uniprot ID:**

[Q8N490](#)

**NCBI:**

[NP\\_001070867](#)

**GeneID:**

[25953](#)

**Host / Isotype:**

Rabbit / Ig

**Immunogen:**

KLH conjugated synthetic peptide between 42-70 amino acids from the N-terminal region of human PNKD

**Format:**

**State:** Liquid purified Ig fraction

**Purification:** Protein A column, followed by peptide affinity purification

**Buffer System:** PBS containing 0.09% (W/V) Sodium Azide as preservative

**Applications:**

**ELISA:** 1/1000.

**Western Blot:** 1/1000

**Immunohistochemistry on Paraffin Sections:** 1/10-1/50.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:**

This antibody recognizes Human and Mouse PNKD (N-term).

**Add. Information:**

**Molecular Weight:** 42876 Da

**Storage:**

Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

**General Readings:**

Yang, J., et al. *Neuron* 66(6):871-883(2010)

Davila, S., et al. *Genes Immun.* 11(3):232-238(2010)

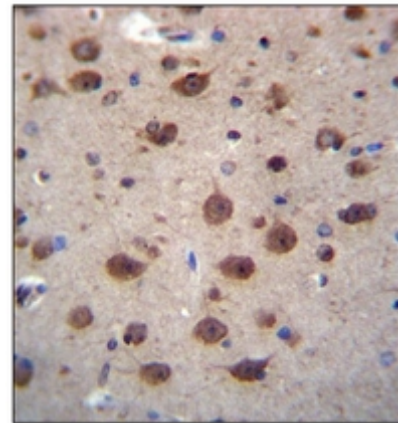
Ghezzi, D., et al. *Hum. Mol. Genet.* 18(6):1058-1064(2009)

Friedman, A., et al. *Eur. Neurol.* 61(1):39-41(2009)

Ren, K., et al. *J. Biol. Chem.* 283(51):35598-35605(2008)

**Pictures:**

Immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue reacted with PNKD Antibody (N-term) Cat.-No AP53364PU-N, which was peroxidase conjugated to the secondary antibody and followed by DAB staining. This data demonstrates the use of PNKD Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western blot analysis of PNKD Antibody (N-term) Cat.-No AP53364PU-N in mouse liver tissue lysates (35ug/lane). This demonstrates the PNKD antibody detected the PNKD protein (arrow).

