

Rabbit PNKD Polyclonal Antibody | anti-PNKD antibody

PNKD Antibody (N-term)

CATALOG # AAA286765	HOST Rabbit	REACTIVITY Mouse (Predicted Reactivity: Bovine)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

PNKD; Polyclonal Antibody; PNKD Antibody (N-term); Probable hydrolase PNKD; 3---; Myofibrillogenesis regulator 1; MR-1; Paroxysmal nonkinesigenic dyskinesia protein; Trans-activated by hepatitis C virus core protein 2; KIAA1184; MR1; TAHCCP2; anti-PNKD antibody

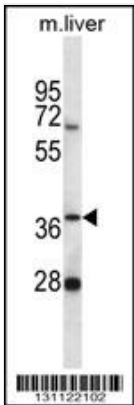
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PNKD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 42-70 amino acids from the N-terminal region of human PNKD.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	42-70
Sequence Length	325
Applicable Applications for anti-PNKD antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
PNKD Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PNKD Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PNKD Antibody (N-term) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the PNKD antibody detected the PNKD protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PNKD antibody	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.
Product Categories/Family for anti-PNKD antibody	Cancer; Cardiovascular
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	116642885
NCBI GeneID	25953
NCBI Accession #	NP_001070867.1; NP_056303.3; NP_072094.1
NCBI GenBank Nucleotide #	NM_001077399.2
UniProt Accession #	Q8N490; Q96A48; Q9BU26; Q9NSX4; Q9ULN6; Q9Y4T1; A8K1F2
Molecular Weight	42876
NCBI Official Full Name	probable hydrolase PNKD isoform 3
NCBI Official Synonym Full Names	paroxysmal nonkinesigenic dyskinesia
NCBI Official Symbol	PNKD
NCBI Official Synonym Symbols	MR1; PDC; DYT8; FPD1; MR-1; BRP17; PKND1; FKSG19; TAHCCP2; KIPP1184
NCBI Protein Information	probable hydrolase PNKD
UniProt Protein Name	Probable hydrolase PNKD
UniProt Gene Name	PNKD

UniProt Synonym Gene Names	KIAA1184; MR1; TAHCCP2; MR-1
UniProt Entry Name	PNKD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pnkd-antibody-immunohistochemistry-western-blot-elisa/286765>