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Datasheet for ABIN954223
anti-PNKD antibody (N-Term)

2 Images

Overview

Quantity:	0.4 mL
Target:	PNKD
Binding Specificity:	AA 41-70, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNKD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 41-70 amino acids from the N-terminal region of human PNKD
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse PNKD (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	PNKD
Alternative Name:	PNKD (PNKD Products)

Target Details

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. Synonyms: 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

Molecular Weight: 42876 Da

Gene ID: 25953

NCBI Accession: [NP_001070867](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

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

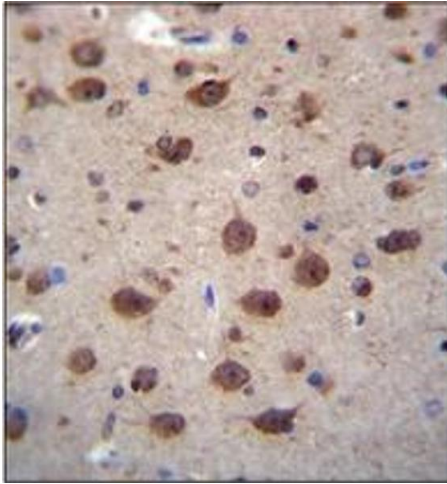
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

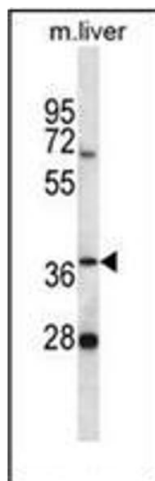
Storage: 4 °C/-20 °C

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



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue reacted with PNKD Antibody (N-term) followed 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 Blotting

Image 2. Western blot analysis of PNKD Antibody (N-term) in mouse liver tissue lysates (35ug/lane). This demonstrates the PNKD antibody detected the PNKD protein (arrow).