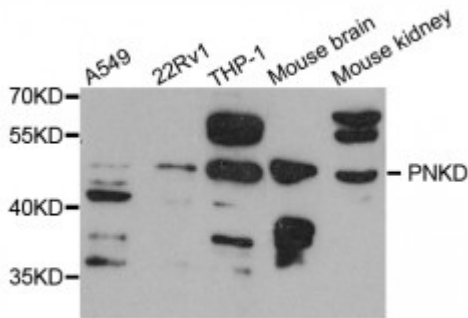


## Anti-PNKD Antibody



### Description

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.

<b>Model</b>	STJ117854
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	IF, WB
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human PNKD (NP_056303.3).
<b>Gene ID</b>	<a href="#">25953</a>
<b>Gene Symbol</b>	<a href="#">PNKD</a>
<b>Dilution range</b>	WB 1:500 - 1:2000 IF 1:50 - 1:200
<b>Tissue Specificity</b>	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
<b>Purification</b>	Affinity purification
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Probable hydrolase PNKD
<b>Molecular Weight</b>	42.876 kDa

<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage Instruction</b>	Store at -20C. Avoid freeze / thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:9153OMIM:118800</a>
<b>Alternative Names</b>	Probable hydrolase PNKD
<b>Function</b>	Probable hydrolase that plays an aggravative role in the development of cardiac hypertrophy via activation of the NF-kappa-B signaling pathway,
<b>Cellular Localization</b>	Membrane

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