



# PXK rabbit pAb

<b>Catalog No</b>	BYab-08459
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	PXK
<b>Protein Name</b>	PXK
<b>Immunogen</b>	Synthesized peptide derived from human PXK AA range: 238-288
<b>Specificity</b>	This antibody detects endogenous levels of PXK at Human/Mouse/Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1: 500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	Cytoplasm . Cell membrane ; Peripheral membrane protein . Also associates with the plasma membrane. Isoform 3 is present throughout the cell.
<b>Tissue Specificity</b>	Widely expressed in all tissues examined except in heart. Isoform 1 is expressed in high levels in the brain, skeletal muscle, spleen and testis. Isoform 7 expression has yet to be demonstrated.
<b>Function</b>	domain:The protein kinase domain is predicted to be catalytically inactive.,function:Binds to and modulates brain Na,K-ATPase subunits ATP1B1 and ATP1B3 and may thereby participate in the regulation of electrical excitability and synaptic transmission. May not display kinase activity.,sequence caution:Translated as Gly.,similarity:Belongs to the protein kinase superfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 PX (phox homology) domain.,similarity:Contains 1 WH2 domain.,subcellular location:Also associates with the plasma membrane. Isoform 3 is present throughout the cell.,tissue specificity:Widely expressed in all tissues examined except in heart. Isoform 1 is expressed in high levels in the brain, skeletal muscle,

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spleen and testis, expression of isoform 7 has yet to be demonstrated.,

**Background**

This gene encodes a phox (PX) domain-containing protein which may be involved in synaptic transmission and the ligand-induced internalization and degradation of epidermal growth factors. Variations in this gene may be associated with susceptibility to systemic lupus erythematosus (SLE). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

