

ARG44003 anti-PXK antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PXK
Tested Reactivity	Hu, Mk
Tested Application	ELISA, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PXK
Species	Human
Immunogen	Human PXK recombinant protein
Conjugation	Un-conjugated
Alternate Names	PXK; PX Domain Containing Serine/Threonine Kinase Like; PX Domain-Containing Protein Kinase-Like Protein; FLJ20335; Slob; PX Domain Containing Serine/Threonine Kinase; Modulator Of Na,K-ATPase Long Form; PX Serine/Threonine Kinase; Modulator Of Na,K-ATPase; PX Ser/Thr Kinase V2; MONAKA; MONAKA; SLOB

Application Instructions

Application table	Application	Dilution
	ELISA	0.1-0.5 µg/ml
	ICC/IF	5 µg/ml
	WB	0.1-0.25 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

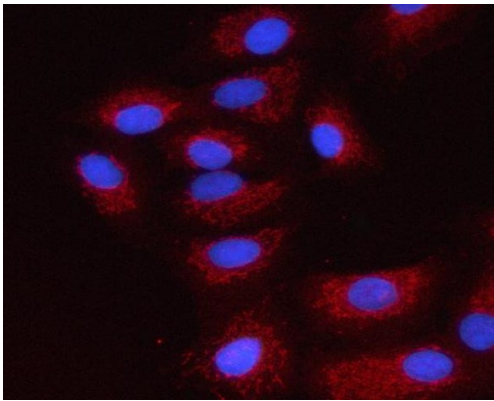
Properties

Form	Liquid
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

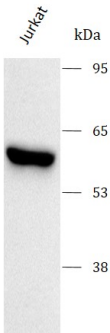
Gene Symbol	PXK
Gene Full Name	PX Domain Containing Serine/Threonine Kinase Like
Background	This gene encodes a phox (PX) domain-containing protein which may be involved in synaptic transmission and the ligand-induced internalization and degradation of epidermal growth factors. Variations in this gene may be associated with susceptibility to systemic lupus erythematosus (SLE). Alternative splicing results in multiple transcript variants.
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.
Calculated Mw	65 kDa
Cellular Localization	Cell membrane, Cytoplasm, Membrane

Images



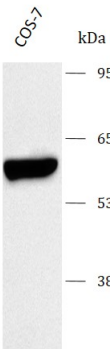
ARG44003 anti-PXK antibody ICC/IF image

Immunofluorescence: A549 cells stained with ARG44003 anti-PXK antibody at 5 µg/ml dilution.



ARG44003 anti-PXK antibody WB image

Western blot: Jurkat stained with ARG44003 anti-PXK antibody at 0.5 µg/mL dilution.



ARG44003 anti-PXK antibody WB image

Western blot: COS-7 stained with ARG44003 anti-PXK antibody at 0.5 µg/mL dilution.