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Anti-PRKX Antibody (aa249-298)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18050

Product Information

Application	WB, IHC-P, E
Primary Accession	P51817
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	40896

Additional Information

Gene ID	5613
Alias Symbol	PRKX
Other Names	PRKX, Pkare, Protein kinase, X-linked, Protein kinase X-linked, Protein kinase PKX1, Protein kinase X, PKX1
Target/Specificity	PRKX Antibodyantibody detects endogenous levels of PRKX.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-PRKX Antibody (aa249-298) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PRKX
Synonyms	PKX1
Function	Serine/threonine protein kinase regulated by and mediating cAMP signaling in cells. Acts through phosphorylation of downstream targets that may include CREB, SMAD6 and PKD1 and has multiple functions in cellular differentiation and epithelial morphogenesis. Regulates myeloid cell differentiation through SMAD6 phosphorylation. Involved in nephrogenesis by stimulating renal epithelial cell migration and tubulogenesis. Also involved in angiogenesis through stimulation of endothelial cell proliferation, migration and vascular- like structure formation.
Cellular Location	Cytoplasm. Nucleus. Note=cAMP induces nuclear translocation
Tissue Location	Widely expressed (at protein level). Specifically expressed in blood by

macrophages and granulocytes according to PubMed:9860982.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.