

**Anti-PRKX Antibody (aa249-298)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS18050****Specification**

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**Anti-PRKX Antibody (aa249-298) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC-P, E           |
| Primary Accession | <a href="#">P51817</a> |
| Predicted         | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | IgG                    |
| Calculated MW     | 40896                  |

**Anti-PRKX Antibody (aa249-298) - 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.

**Anti-PRKX Antibody (aa249-298) - 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.

**Anti-PRKX Antibody (aa249-298) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-PRKX Antibody (aa249-298) - Images**