

Rabbit anti-Human PRKX Polyclonal Antibody | anti-PRKX antibody

PRKX Antibody

CATALOG # AAA301443	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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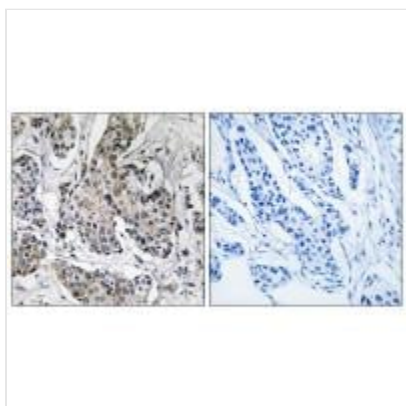
PRODUCT SYNONYMS

PRKX; Polyclonal Antibody; PRKX Antibody; EC 2.7.11.1; PKX1; anti-PRKX antibody

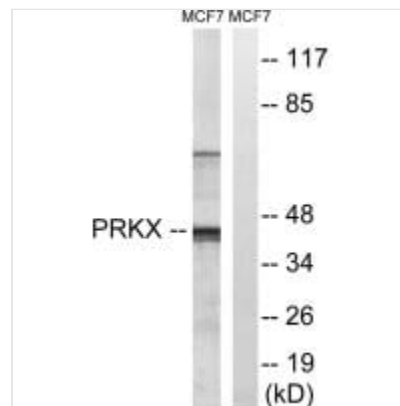
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PRKX protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	358
Applicable Applications for anti-PRKX antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human PRKX.
Target Name	PRKX
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using PRKX antibody.


WB (Western Blot)

Western blot analysis of extracts from MCF-7 cells, using PRKX antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PRKX antibody	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.Klink A., Hum. Mol. Genet. 4:869-878(1995).The MGC Project Team, Genome Res. 14:2121-2127(2004).
Product Categories/Family for anti-PRKX antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826948
NCBI GeneID	5613
NCBI Accession #	NP_005035.1
NCBI GenBank Nucleotide #	NM_005044.4
UniProt Accession #	P51817
Molecular Weight	40,896 Da
NCBI Official Full Name	cAMP-dependent protein kinase catalytic subunit PRKX
NCBI Official Synonym Full Names	protein kinase, X-linked
NCBI Official Symbol	PRKX
NCBI Official Synonym Symbols	PKX1
NCBI Protein Information	cAMP-dependent protein kinase catalytic subunit PRKX
UniProt Protein Name	cAMP-dependent protein kinase catalytic subunit PRKX
UniProt Gene Name	PRKX
UniProt Synonym Gene Names	PKX1; PrKX; Protein kinase X; Protein kinase X-linked; Serine/threonine-protein kinase PRKX
UniProt Entry Name	PRKX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prkx-antibody-immunohistochemistry-western-blot-elisa/301443>