

产品名称: PRKX Rabbit Polyclonal Antibody
产品货号: AP Rab16500



产品概述 (Summary)

产品名称 (Production Name)	PRKX Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PRKX PRKX; PKX1; cAMP-dependent protein kinase catalytic subunit PRKX; PrKX;
别名 (Alternative Names)	Protein kinase X; Protein kinase X-linked; Serine/threonine-protein kinase PRKX; Protein kinase PKX1
基因 ID (Gene ID)	5613.0
蛋白 ID (SwissProt ID)	P51817.The antiserum was produced against synthesized peptide derived from human PRKX. AA range:251-300

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	41kDa

产品名称: PRKX Rabbit Polyclonal Antibody
产品货号: AP Rab16500



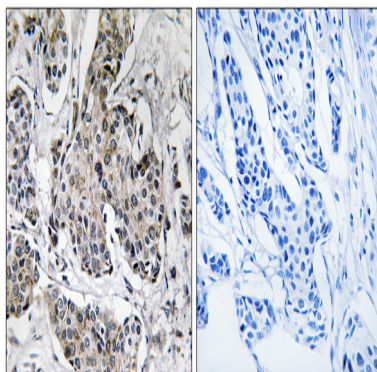
研究背景 (Background)

This gene encodes a serine threonine protein kinase that has similarity to the catalytic subunit of cyclic AMP dependent protein kinases. The encoded protein is developmentally regulated and may be involved in renal epithelial morphogenesis. This protein may also be involved in macrophage and granulocyte maturation. Abnormal recombination between this gene and a related pseudogene on chromosome Y is a frequent cause of sex reversal disorder in XX males and XY females. Pseudogenes of this gene are found on chromosomes X, 15 and Y. [provided by RefSeq, Feb 2010], catalytic activity: ATP + a protein = ADP + a phosphoprotein., disease: A chromosomal aberration involving PRKX is a cause of sex reversal disorder. Translocation t(X;Y)(p22;p11) with PRKY. Chromosomal translocations proximal to PRKY account for about 30% of the cases of sex reversal disorder in XX males and XY females., similarity: Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. cAMP subfamily., similarity: Contains 1 AGC-kinase C-terminal domain., similarity: Contains 1 protein kinase domain., tissue specificity: High levels in adult and fetal brain, kidney and lung; low levels in adult placenta, heart, liver, skeletal muscle, pancreas and fetal liver.,

研究领域 (Research Area)

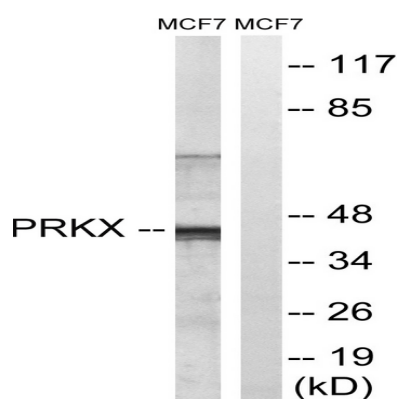
MAPK_ERK_Growth; MAPK_G_Protein; Calcium; Chemokine; Oocyte meiosis; Apoptosis_Inhibition; Apoptosis_Mitochondrial; Apoptosis_Overview; Vascular smooth muscle contraction; WNT; WNT-T CELL Hedgehog; Gap junction; Long-term potentiation; Olfactory transduction; Taste transduction; Insulin_Receptor; GnRH; Progesterone-mediated oocyte maturation; Melanogenesis; Prion diseases; Vibrio cholerae infection; Dilated cardiomyopathy;

图片 (Image Data)

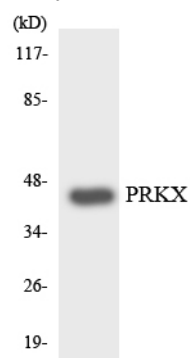


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using PRKX Antibody. The picture on the right is blocked with the synthesized peptide.

产品名称: PRKX Rabbit Polyclonal Antibody
产品货号: AP Rab16500



Western blot analysis of lysates from MCF-7 cells, using PRKX Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using PRKX antibody.

注意事项 (Note)

For research use only .