

PKI β Polyclonal Antibody

Catalog No :	YT3776
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	PKI β
Gene Name :	PKIB
Protein Name :	cAMP-dependent protein kinase inhibitor beta
Human Gene Id :	5570
Human Swiss Prot No :	Q9C010
Mouse Swiss Prot No :	Q04758
Rat Swiss Prot No :	P27775
Immunogen :	The antiserum was produced against synthesized peptide derived from human IPKB. AA range:29-78
Specificity :	PKI β Polyclonal Antibody detects endogenous levels of PKI β protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000,WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 8kD

Background : protein kinase (cAMP-dependent, catalytic) inhibitor beta(PKIB) Homo sapiens This gene encodes a member of the cAMP-dependent protein kinase inhibitor family. The encoded protein may play a role in the protein kinase A (PKA) pathway by interacting with the catalytic subunit of PKA, and overexpression of this gene may play a role in prostate cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012],

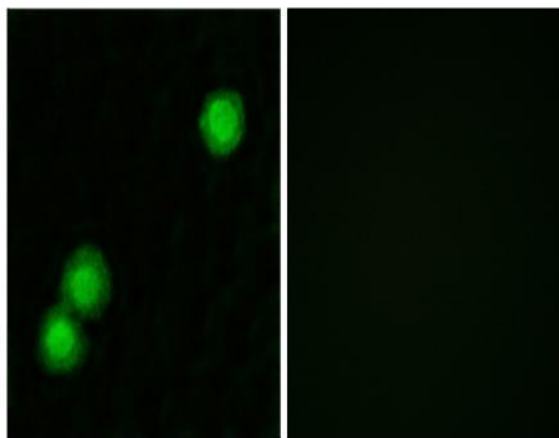
Function : function:Extremely potent competitive inhibitor of cAMP-dependent protein kinase activity, this protein interacts with the catalytic subunit of the enzyme after the cAMP-induced dissociation of its regulatory chains.,similarity:Belongs to the PKI family.,

Subcellular Location : nucleus,cytoplasm,

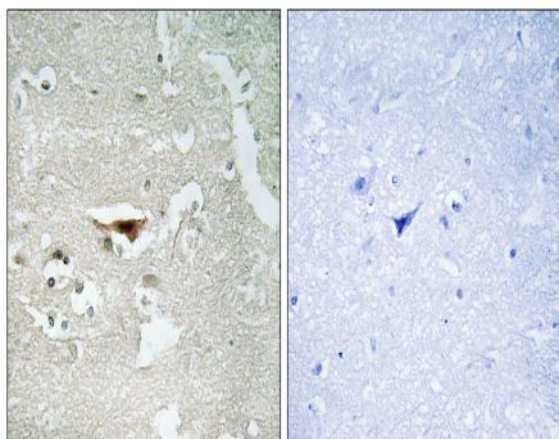
Location :

Expression : Placenta,

Products Images



Immunofluorescence analysis of MCF7 cells, using IPKB Antibody. The picture on the right is blocked with the synthesized peptide.



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