

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PKIA



Numéro de catalogue: 11743-1-AP

Informations de base

Numéro de catalogue: 11743-1-AP	Numéro d'acquisition GenBank: BC022265	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 650 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5569	Dilutions recommandées: IHC 1:50-1:500 IF 1:50-1:500
Hôte: Lapin	Nom complet: protein kinase (cAMP-dependent, catalytic) inhibitor alpha	
Isotype: IgG	MW calculé 76 aa, 8 kDa	
Immunogen Catalog Number: AG2338		

Applications

Applications testées:

IF, IHC, ELISA

Spécificité de l'espèce:

Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

IHC : tissu embryonnaire de souris, tissu cérébral de souris

IF : cellules HeLa,

Informations générales

cAMP-dependent protein kinase inhibitor alpha (PKIA) is also named as PRKACN1, and belongs to the PKI family. Among them, PKIA, a member of protein kinase A (PKA) inhibitor family, was found to be most significantly and highly expressed in susceptible animals (PMID:24910983). Decreased PKIA signaling would directly impact PKA activation, potentially inducing DRP1 phosphorylation and increasing ER Ca²⁺ stores (PMID:32152556). miR-129-5p activated PKA to regulate the phosphorylation of beta-catenin and cAMP-response element binding protein (CREB) by inhibiting PKIA (PMID:36222334).

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

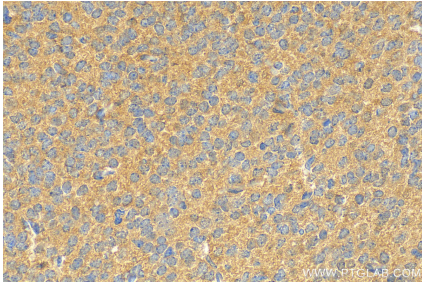
For technical support and original validation data for this product please contact:

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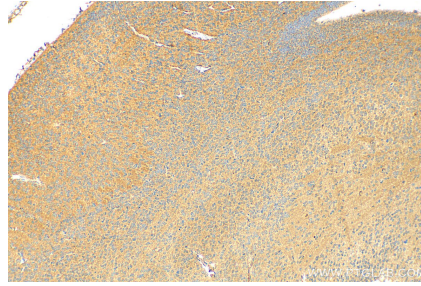
E: proteintech@ptglab.com
W: ptglab.com

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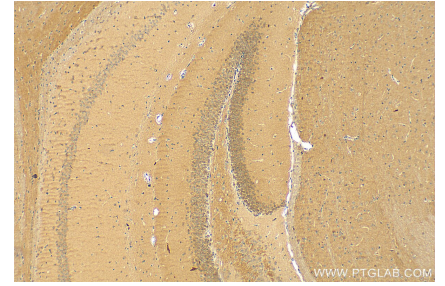
Données de validation sélectionnées



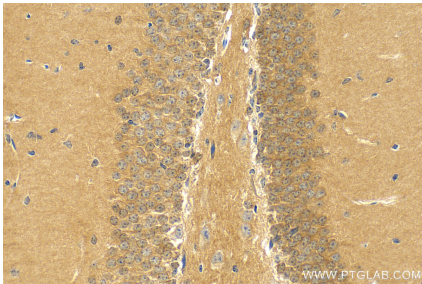
Immunohistochemical analysis of paraffin-embedded mouse embryo tissue slide using 11743-1-AP (PKIA antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



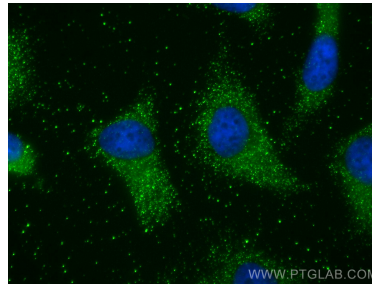
Immunohistochemical analysis of paraffin-embedded mouse embryo tissue slide using 11743-1-AP (PKIA antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11743-1-AP (PKIA antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11743-1-AP (PKIA antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using PKIA antibody (11743-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).