

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CRTC2,TORC2



Numéro de catalogue:12497-1-AP

Phare

19 Publications

Informations de base

Numéro de catalogue: 12497-1-AP	Numéro d'acquisition GenBank: BC053562	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 900 µg/ml by Nanodrop;	Identification du gène (NCBI): 200186	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:20-1:200 IF 1:20-1:200
Hôte: Lapin	Nom complet: CREB regulated transcription coactivator 2	
Isotype: IgG	MW calculé 693 aa, 73 kDa	
Immunogen Catalog Number: AG3167	MW observés: 73 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

bovin, Humain, porc, 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:

WB : tissu rénal de souris, cellules HEK-293, rein de rat, rein de souris, tissu hépatique de souris

IHC : tissu de gliome humain,

IF : cellules HeLa,

Informations générales

CRTC2, also named as TORC2, belongs to the TORC family. It is a transcriptional coactivator for CREB1 which activates transcription through both consensus and variant cAMP response element (CRE) sites. It acts as a coactivator, in the SIK/TORC signaling pathway, being active when dephosphorylated and acts independently of CREB1 'Ser-133' phosphorylation. CRTC2 enhances the interaction of CREB1 with TAF4. It regulates gluconeogenesis as a component of the LKB1/AMPK/TORC2 signaling pathway. CRTC2 regulates the expression of specific genes such as the steroidogenic gene, StAR. TORC2 was recently shown to be an important regulator of gluconeogenesis in the livers of mammals. It is one of the other key regulators of CRE-dependent MIE gene expression in NT2 cells. This regulation is linked to VIP-induced TORC2 dephosphorylation and translocation to the nucleus. (PMID: 19369332, 20504934).

Publications notables

Autrice	Pubmed ID	Journal	Application
Chang Wang	33013689	Front Endocrinol (Lausanne)	WB,IF
Hideaki Kanki	33127851	J Neurosci	WB,IF
Qi Ling	31654553	Am J Transplant	IHC

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.

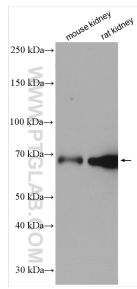
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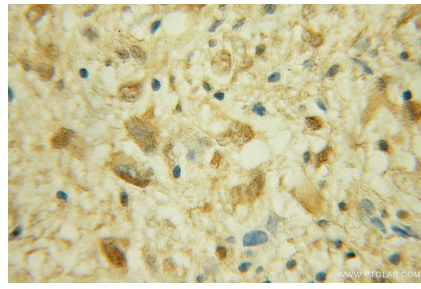
E: proteintech@ptglab.com
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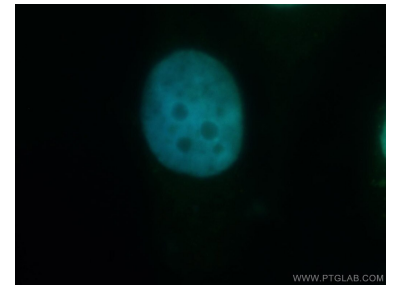
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 12497-1-AP (CRTC2,TORC2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas using 12497-1-AP (CRTC2,TORC2 antibody) at dilution of 1:100 (under 10x lens).



Immunofluorescent analysis of HeLa cells, using CRTC2 antibody 12497-1-AP at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG (green). Blue pseudocolor = DAPI (fluorescent DNA dye).