

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CACYBP



Numéro de catalogue: 11745-1-AP

Phare

3 Publications

Informations de base

Numéro de catalogue:
11745-1-AP

Taille:
150ul, Concentration: 1000 µg/ml by
Nanodrop and 300 µg/ml by Bradford
method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2340

Numéro d'acquisition GenBank:
BC022352

Identification du gène (NCBI):
27101

Nom complet:
calcyctin binding protein

MW calculé
228 aa, 26 kDa

MW observés:
26-30 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:1000-1:6000
IP 0.5-4.0 ug for IP and 1:500-1:2000
for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

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

Contrôles positifs:

WB : cellules HeLa, tissu cérébral de rat, tissu cérébral de souris, tissu hépatique de rat, tissu hépatique de souris

IP : tissu cérébral de souris,

IHC : tissu de gliome humain,

IF : cellules HeLa,

Informations générales

CACYBP(Calcyctin-binding protein) is also named as S100A6BP, SIP. It is a new target 30 kDa protein that can interact with S100 proteins, including S100A6, S100A1, S100B, and S100P, but not to S100A4, calbindin D, parvalbumin or calmodulin(PMID:22295074). It may be involved in calcium-dependent ubiquitination and subsequent proteasomal degradation of target proteins and probably serves as a molecular bridge in ubiquitin E3 complexe. It has 2 isoforms produced by alternative splicing and can exist as a dimer(PMID:17916393).

Publications notables

Autrice	Pubmed ID	Journal	Application
Ankit Srivastava	35705526	Cancer Res	IF, WB
Yi-Fan Lian	31754404	Theranostics	WB
Si-Yuan Yao	36727262	Br J Pharmacol	WB

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.

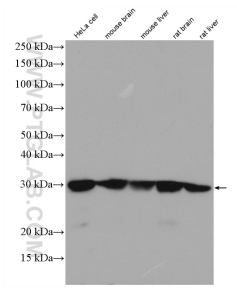
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

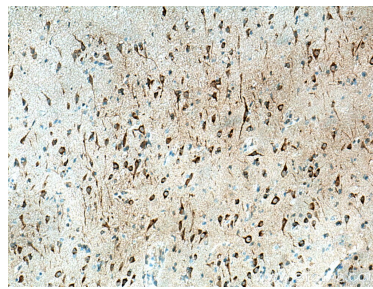
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

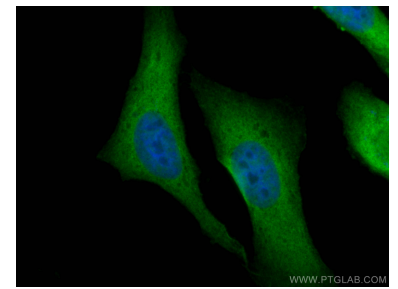
Données de validation sélectionnées



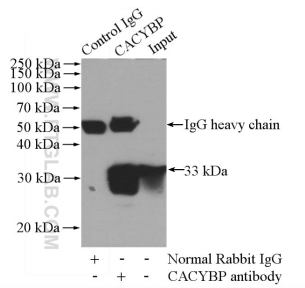
HeLa cells, mouse brain tissue, mouse liver tissue, rat brain tissue, and rat liver tissue were subjected to SDS PAGE followed by western blot with 11745-1-AP (CACYBP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



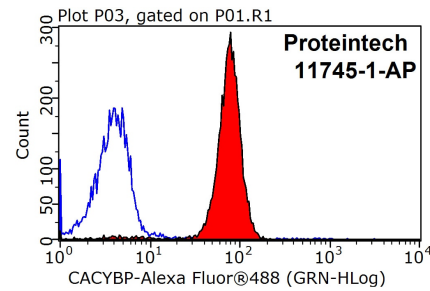
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11745-1-AP (CACYBP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CACYBP antibody (11745-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-CACYBP (IP:11745-1-AP, 4ug; Detection:11745-1-AP 1:1000) with mouse brain tissue lysate 4000ug.



1X10⁶ HeLa cells were stained with 0.2ug CACYBP antibody (11745-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.