

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CUGBP2



Numéro de catalogue: 12921-1-AP

4 Publications

Informations de base

Numéro de catalogue:
12921-1-AP

Taille:
150ul, Concentration: 1200 µg/ml by
Nanodrop and 507 µg/ml by Bradford
method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG3594

Numéro d'acquisition GenBank:
BC036391

Identification du gène (NCBI):
10659
Nom complet:
CUG triplet repeat, RNA binding
protein 2

MW calculé:
56 kDa

MW observés:
50 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:200-1:1000
for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

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

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain, 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 : cellules HeLa, cellules K-562, cellules MCF-7, tissu de thymus de souris

IP : tissu de muscle squelettique de souris,

IHC : tissu de cancer du sein humain,

IF : cellules HepG2,

Informations générales

The CELF (CUGBP and ETR-3 Like Factor)/Bruno-like protein family plays important roles in the regulation of alternative splicing and translation. CUGBP2 is a member of this family of proteins that possesses several alternatively spliced exons. CUGBP2 induces smooth muscle-specific exon inclusion via binding to uridine purine repeat elements (URE) in ACTN1. Although CUGBP2 is known as a splicing activator for the N-methyl-D-aspartate receptor 1 (NMDA R1) exon 21, CUGBP2 represses NMDA R1 exon 5 inclusion. In addition, CUGBP2 was reported to repress the inclusion of the I_r exon 11.

Publications notables

Autrice	Pubmed ID	Journal	Application
Ying Zhang	36336217	Pharmacol Res	WB,IF
Liuqing Ge	33969722	Exp Biol Med (Maywood)	WB
Bo Li	28881683	Oncotarget	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.

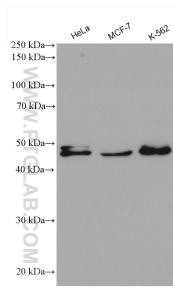
For technical support and original validation data for this product please contact:

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

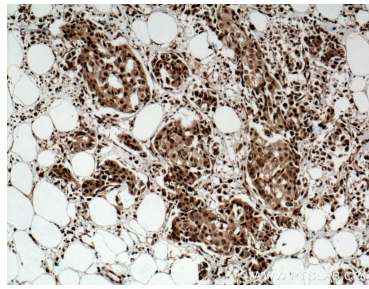
E: proteintech@ptglab.com
W: ptglab.com

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

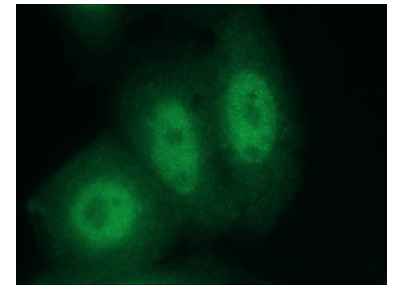
Données de validation sélectionnées



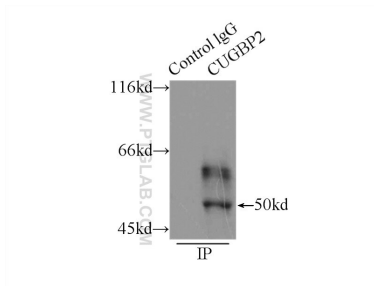
Various lysates were subjected to SDS PAGE followed by western blot with 12921-1-AP (CUGBP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12921-1-AP (CUGBP2 antibody) at dilution of 1:100 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 12921-1-AP (CUGBP2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-CUGBP2 (IP:12921-1-AP, 3ug; Detection:12921-1-AP 1:300) with mouse skeletal muscle tissue lysate 7500ug.