

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-BIN1



Numéro de catalogue: 14647-1-AP

Phare

11 Publications

## Informations de base

Numéro de catalogue:

14647-1-AP

Taille:

150ul, Concentration: 550 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG6240

Numéro d'acquisition GenBank:

BC004101

Identification du gène (NCBI):

274

Nom complet:

bridging integrator 1

MW calculé

65 kDa

MW observés:

50-65 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:6000

IP 0.5-4.0 µg for IP and 1:500-1:1000 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, rat, souris

Espèces citées:

Humain, porc, 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 Jurkat, tissu cérébral de souris, tissu de muscle squelettique de rat, tissu de muscle squelettique de souris

IP : tissu cérébral de souris,

IHC : tissu de muscle squelettique de souris, tissu cérébral de souris, tissu d'ostéosarcome humain

IF : tissu cérébral de souris,

## Informations générales

BIN1 (Bridging integrator 1), also known as amphiphysin II or Myc box-dependent-interacting protein 1, is a ubiquitous nucleocytoplasmic adaptor protein that was identified initially as a MYC-interacting proapoptotic tumor suppressor. Alternative splicing of the gene results in multiple transcript variants encoding different isoforms. BIN1 is a key regulator of different cellular functions, including endocytosis and membrane recycling, cytoskeleton regulation, DNA repair, cell cycle progression, and apoptosis (PMID: 24590001).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Ari Sudwarts	35526014	Mol Neurodegener	WB
Robert J Andrew	30692199	J Biol Chem	WB,IF
Jennifer K Lee	33212486	J Neuropathol Exp Neurol	IHC

## Stockage

Stockage:

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

Tampon de stockage:

PBS avec azote 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.

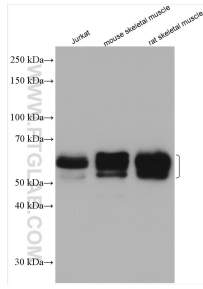
For technical support and original validation data for this product please contact:

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

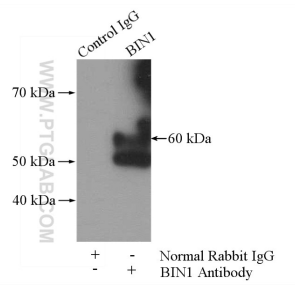
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

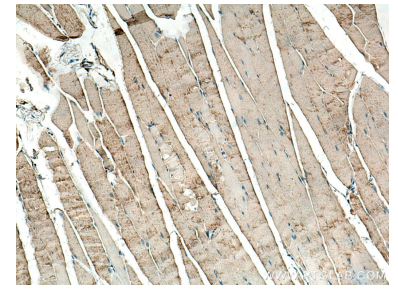
## Données de validation sélectionnées



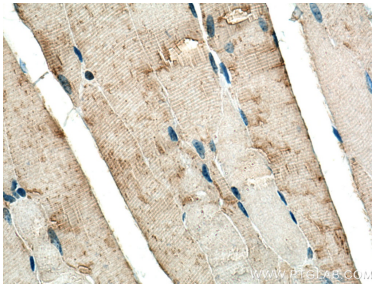
Various lysates were subjected to SDS PAGE followed by western blot with 14647-1-AP (BIN1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



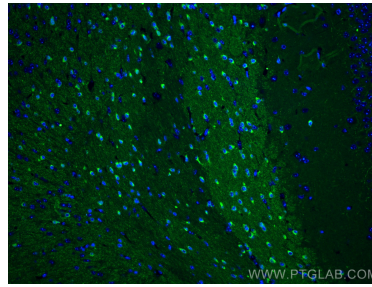
IP Result of anti-BIN1 (IP:14647-1-AP, 4 $\mu$ g; Detection:14647-1-AP 1:500) with mouse brain tissue lysate 3440 $\mu$ g.



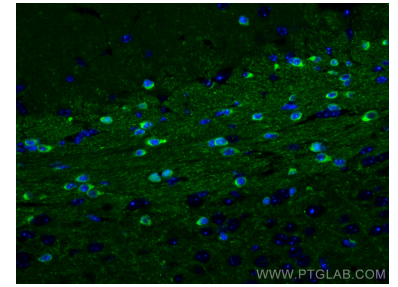
Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 14647-1-AP (BIN1 antibody) at dilution of 1:200 (under 10 $\times$  lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 14647-1-AP (BIN1 antibody) at dilution of 1:200 (under 40 $\times$  lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using BIN1 antibody (14647-1-AP) at dilution of 1:200 and CoraLite $^{\text{TM}}$ 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using BIN1 antibody (14647-1-AP) at dilution of 1:200 and CoraLite $^{\text{TM}}$ 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).