Nur für Forschungszwecke

BIN1 Polyklonaler Antikörper

Katalog-Nr.:14647-1-AP Vorgestelltes Produkt 11 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Allgemeine Informationen

Katalog-Nr.:
14647-1-AP

Größe:
150ul , Konzentration: 550 μg/ml von Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG6240

GenBank-Zugangsnummer:
BC004101

GeneID (NCBI):
274

Vollständiger Name:
bridging integrator 1

Berechneté Masse:
65 kDa

Beobachteté Masse:
50-65 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:1000-1:6000
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
IHC 1:50-1:500
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
IF, IHC, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Hausschwein, Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : Jurkat-Zellen, Maushirngewebe, Maus-Skelettmuskelgewebe, Ratten-Skelettmuskelgewebe

IP : Maushirngewebe,

IHC : Maus-Skelettmuskelgewebe, humanes Osteosarkomgewebe, Maushirngewebe

IF : Maushirngewebe,

Hintergrundinformationen

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 an 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).

Bemerkenswerte Veröffentlichungen

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

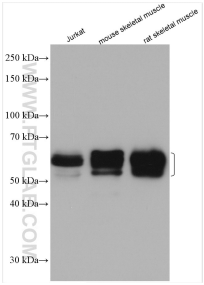
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

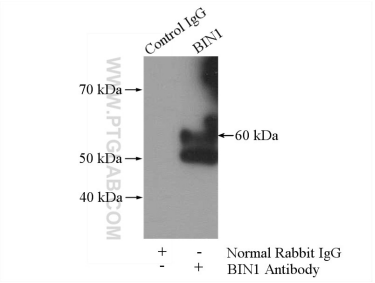
***** 20ul-Größen enthalten 0.1% BSA**

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

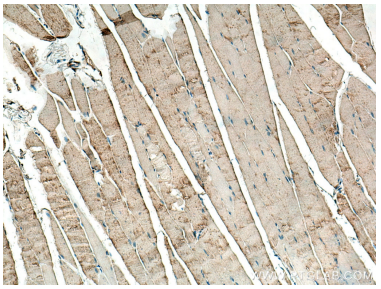
Ausgewählte Validierungsdaten



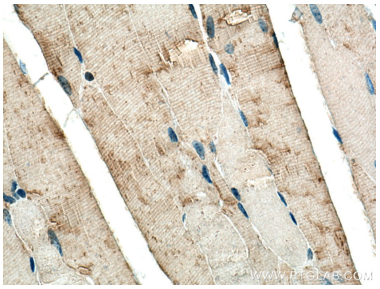
Various lysates were subjected to SDS PAGE followed by western blot with 14647-1-AP (BIN1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



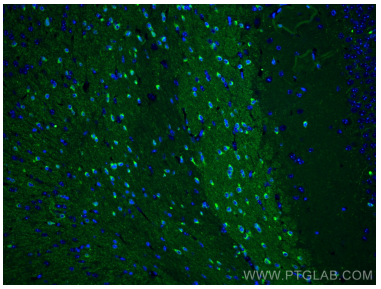
IP Result of anti-BIN1 (IP:14647-1-AP, 4ug; Detection:14647-1-AP 1:500) with mouse brain tissue lysate 3440ug.



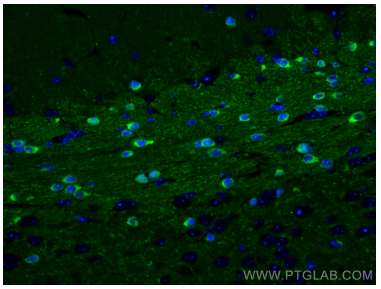
Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 14647-1-AP (BIN1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 14647-1-AP (BIN1 antibody) at dilution of 1:200 (under 40x 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®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®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).