

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-BAG3



Numéro de catalogue: 10599-1-AP

Phare

104 Publications

Informations de base

Numéro de catalogue:
10599-1-AP

Taille:
150ul, Concentration: 850 µg/ml by
Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0956

Numéro d'acquisition GenBank:
BC006418

Identification du gène (NCBI):
9531

Nom complet:
BCL2-associated athanogene 3

MW calculé
61 kDa

MW observés:
74-80 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 1:500-1:2000
IF 1:50-1:500

Applications

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

Demandes citées:
CoIP, FC, IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, singe, souris, Hamster

Contrôles positifs:

WB : cellules HEK-293, cellules HeLa, cellules K-562,
cœur de rat, cœur de souris

IP : cellules K-562,

IHC : tissu de cancer du poumon humain, tissu de
gliome humain

IF : cellules A549, cellules HeLa, cellules SH-SY5Y

**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.**

Informations générales

BAG3 (Bcl2-associated athanogene 3) belongs to the BAG protein family, the co-chaperone that binds to Hsc70/Hsp70 through the BAG domain and modulates their activity in polypeptide folding. BAG3 contains also a WW domain and a proline-rich (PXXP) repeat, that mediate binding to partners different from Hsp70. Through interacting with different molecular partner, BAG3 influences several cell processes, such as apoptosis, autophagy and cell motility. BAG3 protein has been reported to sustain cell survival, resistance to therapy, and/or motility and metastatization in several tumor types, thus being identified as a potential target for anticancer therapies. In addition, defects in BAG3 are the cause of some myopathy. BAG3 normally migrates around 74-80 kDa; a slightly different molecular weight or a doublet form can be observed in some cell types and/or following cell exposure to stressors. A synaptosome associated form of 40 kDa has recently been described.

Publications notables

Autrice	Pubmed ID	Journal	Application
Wenqian Wu	34679684	Antioxidants (Basel)	WB
Martin Kulessa	31545528	Neuropathol Appl Neurobiol	
Simona Cugusi	36121223	Mol Cell Biol	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.

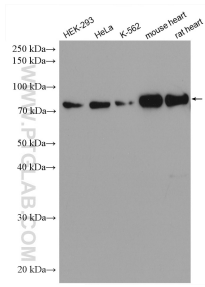
For technical support and original validation data for this product please contact:

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

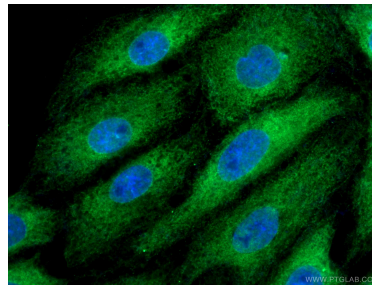
E: proteintech@ptglab.com
W: ptglab.com

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

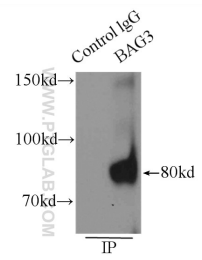
Données de validation sélectionnées



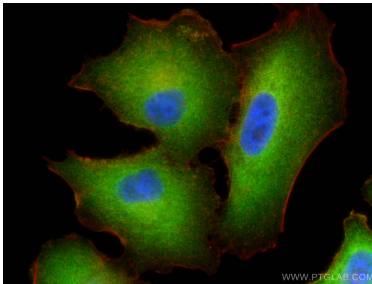
Various lysates were subjected to SDS PAGE followed by western blot with 10599-1-AP (BAG3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



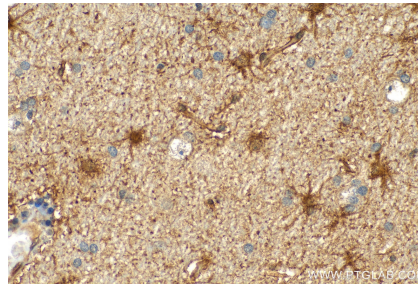
Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using 10599-1-AP (BAG3 antibody), at dilution of 1:100 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



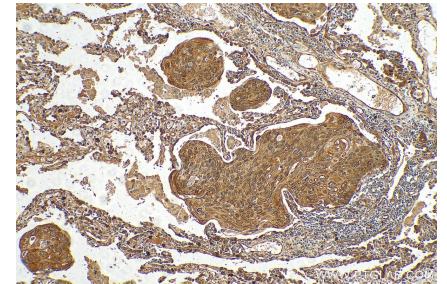
IP Result of anti-BAG3 (IP:10599-1-AP, 4ug; Detection:10599-1-AP 1:1000) with K-562 cells lysate 11000ug.



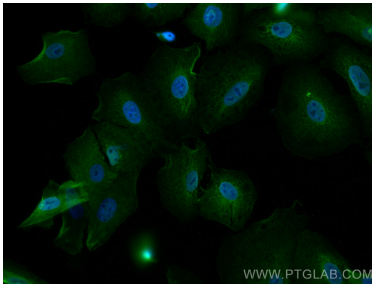
Immunofluorescent analysis of (4% PFA) fixed A549 cells using BAG3 antibody (10599-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 10599-1-AP (BAG3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 10599-1-AP (BAG3 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A549 cells using BAG3 antibody (10599-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).