

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-EXOC1



Numéro de catalogue: 11690-1-AP

Phare

12 Publications

## Informations de base

Numéro de catalogue:  
11690-1-AP

Taille:  
150ul, Concentration: 450 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG2303

Numéro d'acquisition GenBank:  
BC020650

Identification du gène (NCBI):  
55763

Nom complet:  
exocyst complex component 1

MW calculé  
894 aa, 102 kDa

MW observés:  
102 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 1:500-1:2000 for WB  
IHC 1:20-1:200

## Applications

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

Demandes citées:  
IF, IP, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, rat, 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 : tissu cérébral de rat, tissu cérébral de souris, tissu cérébral humain

IP : tissu cérébral de souris,

IHC : tissu de gliome humain,

## Informations générales

EXOC1 (exocyst complex component 1), also known as SEC3, is a component of the exocyst complex which is essential for the targeting of exocytic vesicles to specific docking sites on the plasma membrane. The exocyst complex is an octameric complex that tethers vesicles at the plasma membrane, regulates polarized exocytosis, and recruits membranes and proteins required for nanotube formation. Recently it has been reported that exocyst complex proteins are likely a key effector of Nef-mediated enhancement of nanotube formation, and possibly microvesicle secretion, which suggests a new paradigm of exocyst involvement in polarized targeting for intercellular transfer of viral proteins and viruses.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yaoyao Dai	30328366	Cell Cycle	WB,IF
Brent A Fujimoto	31593505	Am J Physiol Endocrinol Metab	WB,IF
Tanmoy Saha	34795441	Nat Nanotechnol	WB,IF

## 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.

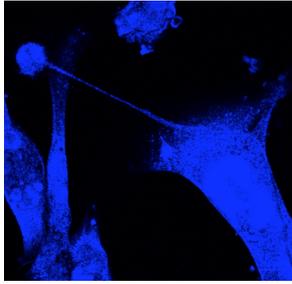
For technical support and original validation data for this product please contact:

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

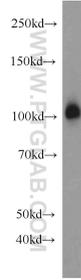
E: proteintech@ptglab.com  
W: ptglab.com

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

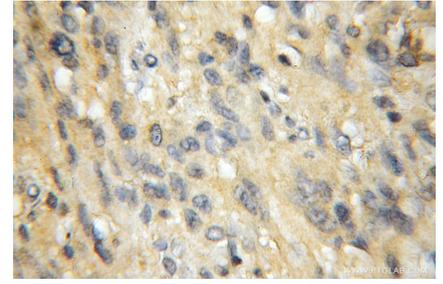
## Données de validation sélectionnées



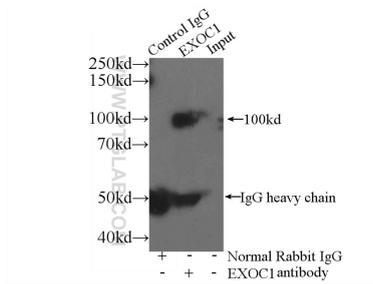
Immunostaining of exocyst protein Sec3 (11690-1-AP, blue) in MDA-MB-231 cells. The image was credited by Dr. Hae Lin Jang from Harvard Medical School.



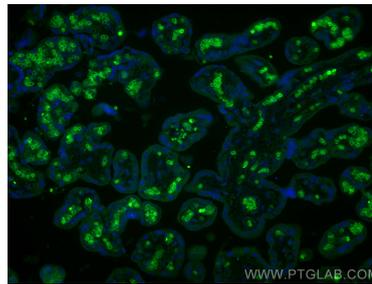
rat brain tissue were subjected to SDS PAGE followed by western blot with 11690-1-AP (EXOC1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas using 11690-1-AP (EXOC1 antibody) at dilution of 1:50 (under 10x lens).



IP Result of anti-EXOC1 (IP:11690-1-AP, 3ug; Detection:11690-1-AP 1:1000) with mouse brain tissue lysate 3600ug.



Immunofluorescent analysis of (4% PFA) fixed human placenta tissue using EXOC1 antibody (11690-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).