

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Annexin A7



Numéro de catalogue: 10154-2-AP

Phare

12 Publications

## Informations de base

Numéro de catalogue:  
10154-2-AP

Taille:  
150ul, Concentration: 300 µg/ml by  
Nanodrop;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG0206

Numéro d'acquisition GenBank:  
BC002632

Identification du gène (NCBI):  
310

Nom complet:  
annexin A7

MW calculé:  
50 kDa

MW observés:  
47 kDa, 51 kDa

Méthode de purification:  
Purification par affinité contre  
l'antigène

Dilutions recommandées:  
WB 1:2000-1:16000  
IP 0.5-4.0 ug for IP and 1:2000-1:16000  
for WB  
IHC 1:20-1:200

## Applications

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

Demandes citées:  
IF, IHC, WB

Spécificité de l'espèce:  
Humain, rat, 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 A549, cellules HeLa, cellules Jurkat, cellules L02, cellules RAW 264.7, tissu cardiaque de souris, tissu cérébral de rat, tissu cérébral de souris, tissu pulmonaire de souris

IP : cellules MG U-87, tissu cardiaque de souris

IHC : tissu pancréatique humain, tissu de cancer de la prostate humaine, tissu de cancer de l'estomac humain, tissu d'estomac de rat, tissu d'estomac de souris, tissu d'estomac humain

## Informations générales

Annexin A7 (Anx7) belongs to a ubiquitous and relatively abundant family of Ca<sup>2+</sup>-dependent membrane-binding proteins, which are thought to be involved in multiple aspects of cell biology including membrane trafficking, mediation of cell-matrix interactions and membrane organization within cells. Anx7, migrated as a 50 kDa protein in SDS-PAGE, has been proposed to function in the fusion of vesicles, acting as a Ca<sup>++</sup> channel and as Ca<sup>++</sup>-activated GTPase, thus inducing Ca<sup>++</sup>/GTP-dependent secretory events.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Hu-Fang Yuan	25400735	Int J Clin Exp Pathol	WB,IHC
Ahmed Musa Hago	27914826	Biomed Pharmacother	WB
Hu-Fang Yuan	31217851	Am J Transl Res	IHC

## 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.

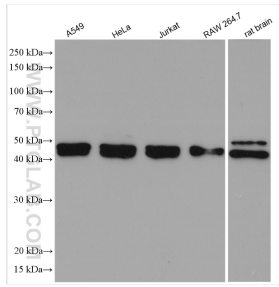
For technical support and original validation data for this product please contact:

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

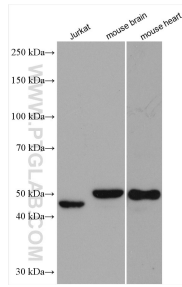
E: proteintech@ptglab.com  
W: ptglab.com

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

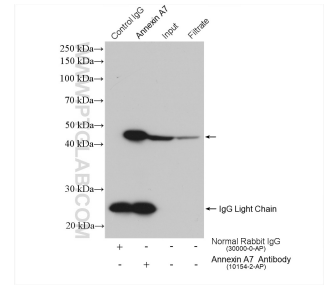
## Données de validation sélectionnées



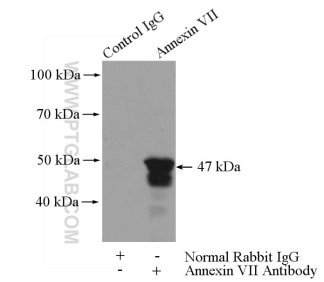
Various lysates were subjected to SDS PAGE followed by western blot with 10154-2-AP (Annexin A7 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



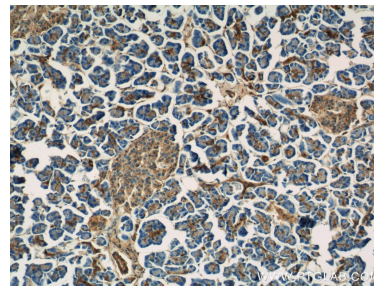
Various lysates were subjected to SDS PAGE followed by western blot with 10154-2-AP (Annexin A7 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



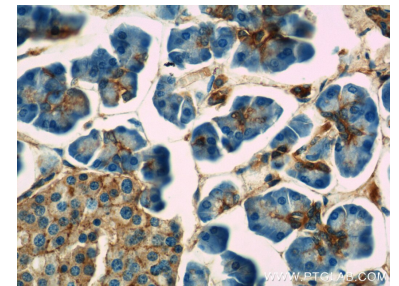
IP result of anti-Annexin A7 (IP:10154-2-AP, 4ug; Detection:10154-2-AP 1:8000) with U-87 MG cells lysate 1160 ug.



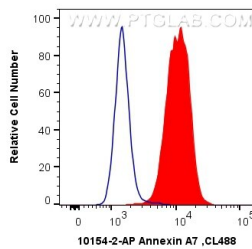
IP Result of anti-Annexin VII (IP:10154-2-AP, 4ug; Detection:10154-2-AP 1:800) with mouse heart tissue lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 10154-2-AP (Annexin VII antibody at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 10154-2-AP (Annexin VII antibody at dilution of 1:50 (under 40x lens).



1x10<sup>6</sup> SH-SY5Y cells were intracellularly stained with 0.4 ug Anti-Human Annexin A7 (10154-2-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).