

À des fins de recherche uniquement

Anticorps Monoclonal anti-Annexin A2



Numéro de catalogue: 60051-1-Ig

Phare

2 Publications

Informations de base

Numéro de catalogue:

60051-1-Ig

Numéro d'acquisition GenBank:

BC016774

Méthode de purification:

Purification par protéine A

Taille:

150ul, Concentration: 1500 µg/ml by 302 Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

302
Nom complet:
annexin A2

CloneNo.:

3H1B11

Dilutions recommandées:

WB 1:5000-1:20000
IP 0.5-4.0 ug for IP and 1:500-1:3000 for WB
IHC 1:50-1:500
IF 1:250-1:1000

Hôte:

Mouse

MW calculé

339 aa, 39 kDa

Isotype:

IgG2b

MW observés:

35-38 kDa

Immunogen Catalog Number:

AG1777

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demands citées:

IP

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

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 : cellules K-562, cellules 4T1, cellules A431, cellules A549, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules NIH/3T3

IP : cellules HeLa,

IHC : tissu de cancer du sein humain, tissu de cancer de la peau humain, tissu de cancer du poumon humain, tissu de gliome humain

IF : cellules T-47D, cellules HeLa, cellules MCF-7

Informations générales

Annexin A2 (ANXA2), also named Annexin-2 or Lipocortin II, is a Ca²⁺ binding protein that is up-regulated in virally transformed cell lines and human tumors. This calcium-regulated membrane-binding protein, whose affinity for calcium is greatly enhanced by anionic phospholipids, may cross-link plasma membrane phospholipids with actin and the cytoskeleton and be involved with exocytosis. Heat-stress response may also involve Annexin-2.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiao Li	31757778	EBioMedicine	IP
Xiaowei Wang	27045038	Infect Immun	

Stockage

Stockage:

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

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % 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.

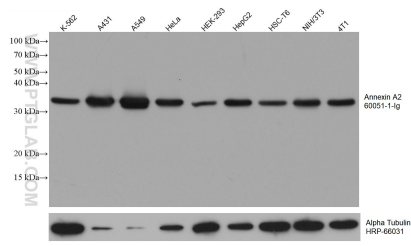
For technical support and original validation data for this product please contact:

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

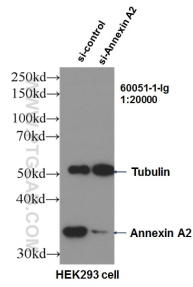
E: proteintech@ptglab.com
W: ptglab.com

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

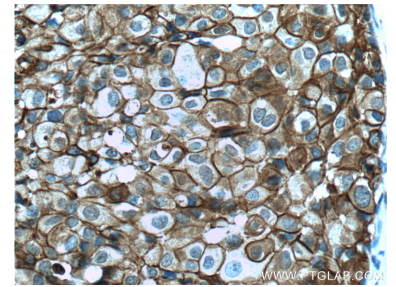
Données de validation sélectionnées



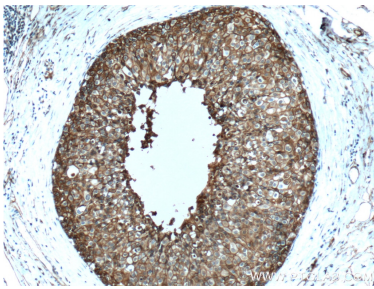
Various lysates were subjected to SDS PAGE followed by western blot with 60051-1-Ig (Annexin A2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



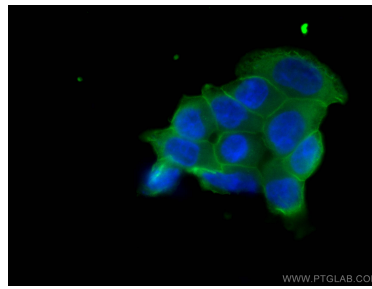
WB result of Annexin A2 antibody (60051-1-Ig, 1:20,000) with si-Control and si-Annexin A2 transfected HEK293 cells.



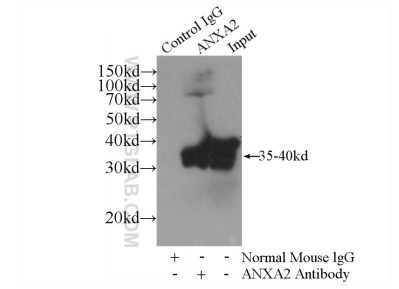
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60051-1-Ig (Annexin A2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



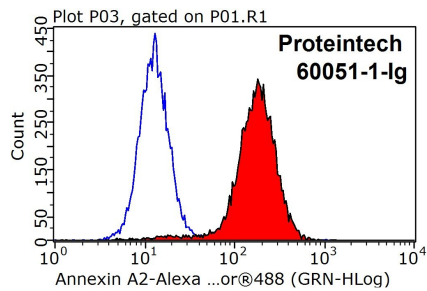
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60051-1-Ig (Annexin A2 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed T-47D cells using 60051-1-Ig (Annexin A2 antibody), at dilution of 1:500 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



IP Result of anti-Annexin A2 (IP:60051-1-Ig, 4ug; Detection:60051-1-Ig 1:1500) with HeLa cells lysate 2400ug.



1X10⁶ HeLa cells were stained with 0.2ug Annexin A2 antibody (60051-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000.