

Nur für Forschungszwecke

Annexin A2 Monoklonaler Antikörper



Katalog-Nr.: 60051-1-Ig

Vorgestelltes Produkt

2 Publikationen

Allgemeine Informationen

Katalog-Nr.:
60051-1-Ig

Größe:
150ul, Konzentration: 1500 µg/ml von 302
Nanodrop und 1000 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Maus

Isotyp:
IgG2b

Immunogen Katalognummer:
AG1777

GenBank-Zugangsnummer:
BC016774

GeneID (NCBI):

Vollständiger Name:
annexin A2

Berechnete Masse:
339 aa, 39 kDa

Beobachtete Masse:
35-38 kDa

Reinigungsmethode:
Protein-A-Reinigung

CloneNo.:
3H1B11

Empfohlene Verdünnungen:
WB 1:5000-1:20000
IP 0.5-4.0 µg für IP und 1:500-1:3000
für WB
IF 1:250-1:1000

Anwendungen

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

In Publikationen genannte Anwendungen:
IP

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human

Positivkontrollen:

WB: K-562-Zellen, 4T1-Zellen, A431-Zellen, A549-Zellen, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, NIH/3T3-Zellen

IP: HeLa-Zellen,

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

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xiao Li	31757778	EBioMedicine	IP
Xiaowei Wang	27045038	Infect Immun	

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

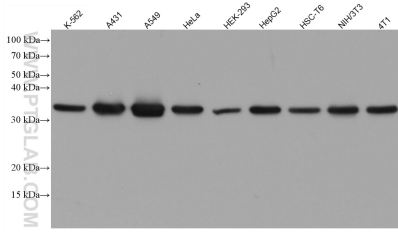
For technical support and original validation data for this product please contact:

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

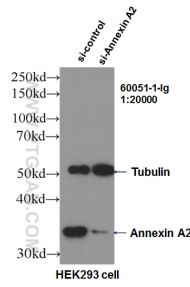
E: proteintech@ptglab.com
W: ptglab.com

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

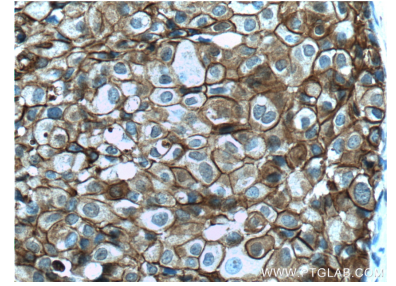
Ausgewählte Validierungsdaten



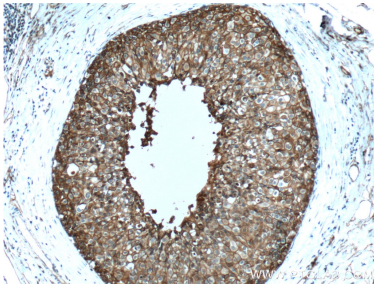
Various lysates were subjected to SDS PAGE followed by western blot with 60051-1-Ig (Annexin A2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



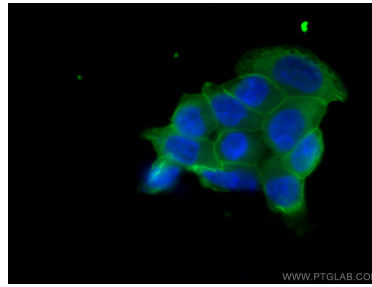
WB result of Annexin A2 antibody (60051-1-Ig, 1:20,000) with si-Control and si-Annexin A2 transfected HEK293 cells.



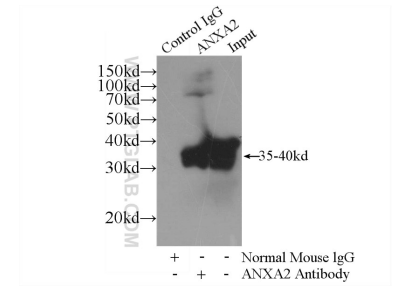
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60051-1-Ig (Annexin A2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



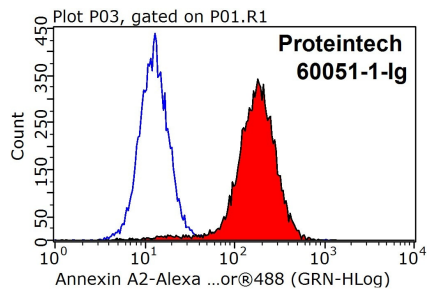
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60051-1-Ig (Annexin A2 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.