

Nur für Forschungszwecke

Annexin A7 Polyklonaler Antikörper

Katalog-Nr.: 10154-2-AP

Vorgestelltes Produkt

11 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10154-2-AP	GenBank-Zugangsnummer: BC002632	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 260 µg/ml von 310 Nanodrop und 153 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 310	Empfohlene Verdünnungen: WB 1:2000-1:16000 IP 0.5-4.0 µg für IP und 1:2000-1:16000 für WB IHC 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: annexin A7	
Isotyp: IgG	Berechnete Masse: 50 kDa	
Immunogen Katalognummer: AG0206	Beobachtete Masse: 47 kDa, 51 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IHC, IP, WB, ELISA	Positivkontrollen: WB: A549-Zellen, HeLa-Zellen, Jurkat-Zellen, L02-Zellen, Mausherzgewebe, Maushirngewebe, Mauslungengewebe, Rattenhirngewebe, RAW 264.7-Zellen IP: U-87 MG-Zellen, Mausherzgewebe IHC: humanes Pankreasgewebe, humanes Magengewebe, humanes Magenkrebsgewebe, humanes Prostatakarzinomgewebe, Maus-Magengewebe, Ratten-Magengewebe
In Publikationen genannte Anwendungen: IF, IHC, WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Annexin A7 (Anx7) belongs to a ubiquitous and relatively abundant family of Ca²⁺-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⁺⁺ channel and as Ca⁺⁺-activated GTPase, thus inducing Ca⁺⁺/GTP-dependent secretory events.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
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

Lagerung

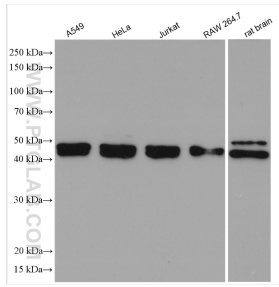
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

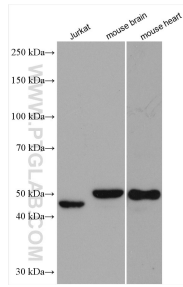
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

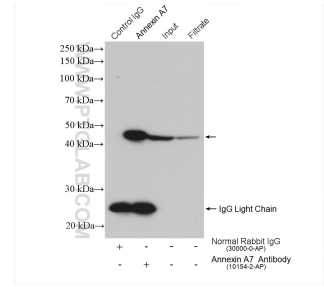
Ausgewählte Validierungsdaten



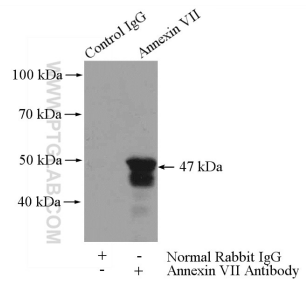
Various lysates were subjected to SDS PAGE followed by western blot with 10154-2-AP (Annexin A7 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



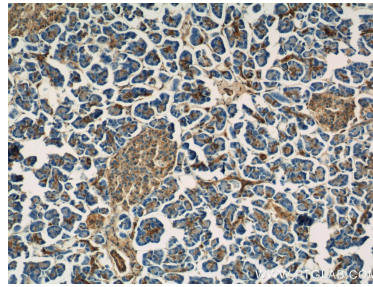
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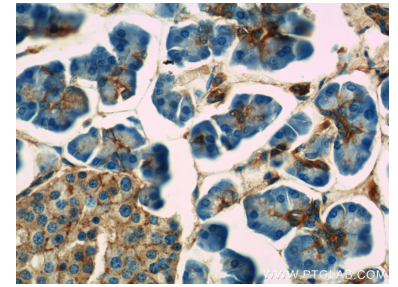
IP result of anti-Annexin A7 (IP:10154-2-AP, 4ug; Detection:10154-2-AP 1:8000) with U-87 MG cells lysate 1160 ug.



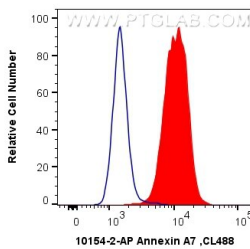
IP Result of anti-Annexin VII (IP:10154-2-AP, 4ug; Detection:10154-2-AP 1:800) with mouse heart tissue lysate 3200ug.



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).



1x10⁶ 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).