

产品名称: Annexin VII Rabbit Polyclonal Antibody
产品货号: AP Rab06928



产品概述 (Summary)

产品名称 (Production Name)	Annexin VII Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ANXA7
别名 (Alternative Names)	ANXA7; ANX7; SNX; OK/SW-cl.95; Annexin A7; Annexin VII; Annexin-7; Synexin
基因 ID (Gene ID)	310.0
蛋白 ID (SwissProt ID)	P20073.The antiserum was produced against synthesized peptide derived from the Internal region of human ANXA7. AA range:271-320

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	53kDa

研究背景 (Background)

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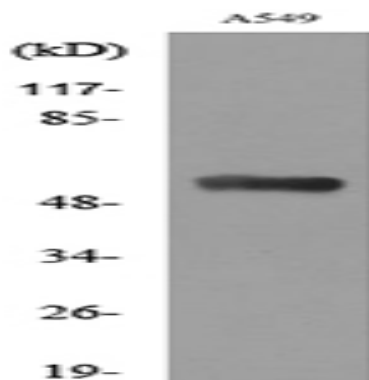


Annexin VII is a member of the annexin family of calcium-dependent phospholipid binding proteins. The Annexin VII gene contains 14 exons and spans approximately 34 kb of DNA. An alternatively spliced cassette exon results in two mRNA transcripts of 2.0 and 2.4 kb which are predicted to generate two protein isoforms differing in their N-terminal domain. The alternative splicing event is tissue specific and the mRNA containing the cassette exon is prevalent in brain, heart and skeletal muscle. The transcripts also differ in their 3'-non coding regions by the use of two alternative poly(A) signals. Annexin VII encodes a protein with a molecular weight of approximately 51 kDa with a unique, highly hydrophobic N-terminal domain of 167 amino acids and a conserved C-terminal region of 299 amino acids. The latter domain is composed of alternating hydrophobic and hydrophilic segments. Structural analysis of the domain: A pair of annexin repeats may form one binding site for calcium and phospholipid. function: Calcium/phospholipid-binding protein which promotes membrane fusion and is involved in exocytosis. similarity: Belongs to the annexin family. similarity: Contains 4 annexin repeats. tissue specificity: Isoform 1 is expressed in brain, heart and skeletal muscle. Isoform 2 is more abundant in liver, lung, kidney, spleen, fibroblasts and placenta.

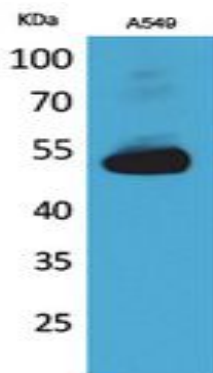
研究领域 (Research Area)

Signal Transduction

图片 (Image Data)

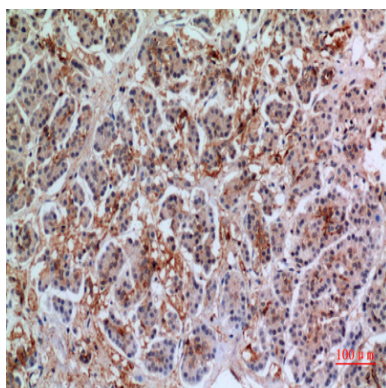


Western blot analysis of lysate from A549 cells, using ANXA7 Antibody.

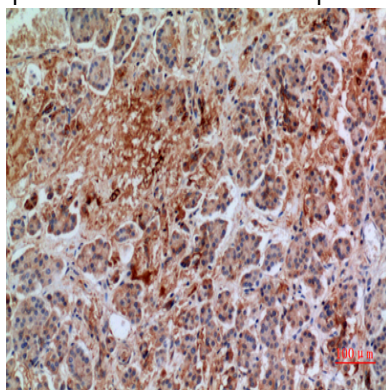


Western Blot analysis of A549 cells using Annexin VII Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

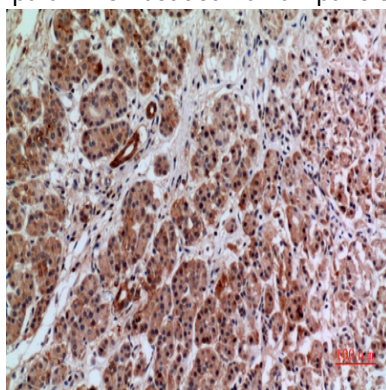
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Immunohistochemical analysis of paraffin-embedded human-pancreas, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-pancreas, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-pancreas, antibody was diluted at 1:100

注意事项 (Note)

For research use only .