

Annexin VII Polyclonal Antibody

Catalog number: 10154-2-AP

Size: 20 µg/150 µl

Source: Rabbit

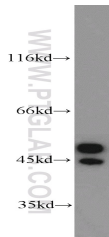
Isotype: IgG

Synonyms:

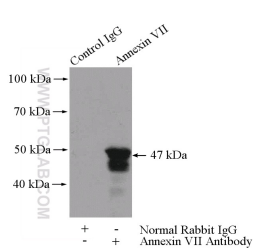
ANXA7; Annexin 7, annexin A7,

Annexin VII, ANX7, ANXA7,

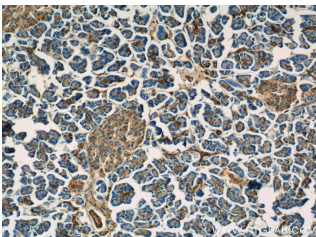
SNX, SYNEXIN



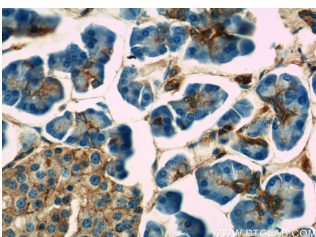
mouse heart tissue were subjected to SDS PAGE followed by western blot with 10154-2-AP(ANXA7 antibody) at dilution of 1:1000



IP Result of anti-ANXA7 (IP:10154-2-AP, 4µg; Detection:10154-2-AP 1:800) with mouse heart tissue lysate 3200µg.



Immunohistochemistry of paraffin-embedded human pancreas tissue slide using 10154-2-AP(ANXA7 Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human

Background

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.

Applications

Tested applications: ELISA, WB, IHC, IP

Cited applications: IHC, WB

Species specificity: Human, Mouse; other species not tested.

Cited species: Human

Calculated Annexin VII MW: 50 kDa

Observed Annexin VII MW: 47 kDa, 51 kDa

Positive WB detected in Mouse heart tissue, Jurkat cells, L02 cells, mouse brain tissue, mouse lung tissue

Positive IP detected in Mouse heart tissue

Positive IHC detected in Human pancreas tissue, human colon cancer tissue, human heart tissue

Recommended dilution: WB: 1:200-1:2000

IP: 1:200-1:2000

IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen: Ag0206

GenBank accession number: BC002632

Gene ID (NCBI): 310

Full name: Annexin A7

Product information

Purification method: Antigen affinity purification

Storage: PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

pancreas tissue slide using
10154-2-AP(ANXA7
Antibody) at dilution of 1:50
(under 40x lens)