

Annexin A2 Polyclonal Antibody

Catalog number: 11256-1-AP

Size: 40 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

ANXA2; Annexin 2, annexin A2,

Annexin II, ANX2, ANX2L4,

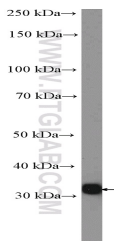
ANXA2, CAL1H, Calpactin 1

heavy chain, Calpactin I heavy

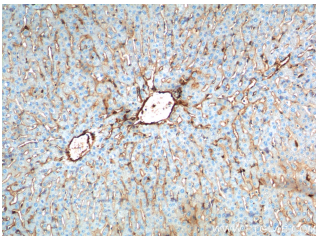
chain, Chromobindin 8, LIP2,

Lipocortin II, LPC2, LPC2D, P36,

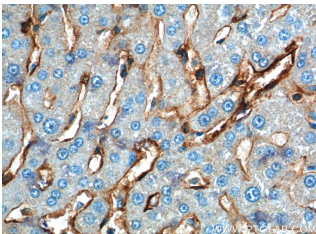
PAP IV, Protein I



HeLa cells were subjected to SDS PAGE followed by western blot with 11256-1-AP(Annexin A2 Antibody) at dilution of 1:2000



Immunohistochemistry of paraffin-embedded human liver tissue slide using 11256-1-AP(Annexin A2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemistry of paraffin-embedded human liver tissue slide using 11256-1-AP(Annexin A2 Antibody) at dilution of 1:200 (under 40x lens).

Background

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.

Applications

Tested applications:	ELISA, IP, WB, IF, IHC
Cited applications:	IF, IHC, IP, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Chicken, human, monkey, mouse
Calculated Annexin A2 MW:	339aa, 39 kDa
Observed Annexin A2 MW:	39 kDa
Positive WB detected in	HeLa cells, K-562 cells, mouse placenta tissue, NIH/3T3 cells, rat uterus tissue
Positive IP detected in	HeLa cells
Positive IHC detected in	Human liver tissue, human colon cancer tissue, human oesophagus cancer tissue
Positive IF detected in	HeLa cells, NIH/3T3 cells
Recommended dilution:	WB: 1:1000-1:10000 IP: 1:200-1:2000 IHC: 1:50-1:500 IF: 1:50-1:500

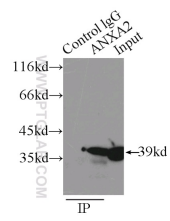
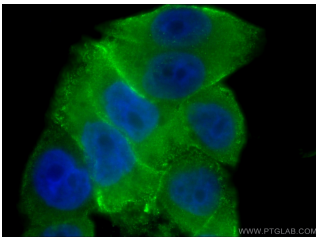
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1777
GenBank accession number:	BC016774
Gene ID (NCBI):	302
Full name:	Annexin A2

Product information

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



Immunofluorescent analysis of (-20 Ethanol) fixed HeLa cells using 11256-1-AP(Annexin A2 Antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

IP Result of anti-ANXA2 (IP:11256-1-AP, 3ug; Detection:11256-1-AP 1:500) with HeLa cells lysate 3000ug.