
Product Name: Annexin I Rabbit Polyclonal Antibody**Catalog #: APRab06919**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	38kDa

Antigen Information

Gene Name	ANXA1
Alternative Names	ANXA1; ANX1; LPC1; Annexin A1; Annexin I; Annexin-1; Calpactin II; Calpactin-2; Chromobindin-9; Lipocortin I; Phospholipase A2 inhibitory protein; p35
Gene ID	301.0
SwissProt ID	P04083
Immunogen	The antiserum was produced against synthesized peptide derived from human ANXA1. AA range:15-64

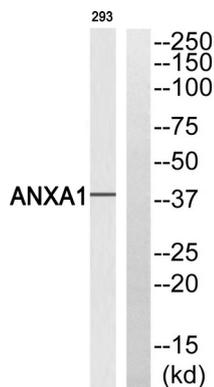
Background

This gene encodes a membrane-localized protein that binds phospholipids. This protein inhibits phospholipase A2 and has anti-inflammatory activity. Loss of function or expression of this gene has been detected in multiple tumors. [provided by RefSeq, Dec 2014],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. This protein regulates phospholipase A2 activity. It seems to bind from two to four calcium ions with high affinity.,PTM:Phosphorylated by protein kinase C, epidermal growth factor receptor/kinase and TRPM7. Phosphorylation results in loss of the inhibitory activity.,similarity:Belongs to the annexin family.,similarity:Contains 1 annexin repeat.,similarity:Contains 2 annexin repeats.,similarity:Contains 4 annexin repeats.,subcellular location:Found in the cilium, nucleus and basolateral cell membrane of ciliated cells in the tracheal endothelium (By similarity). Found in the cytoplasm of type II pneumocytes and alveolar macrophages.,subunit:Homodimer in placenta (20%); linked by transglutamylation. Interacts with DYSF.,

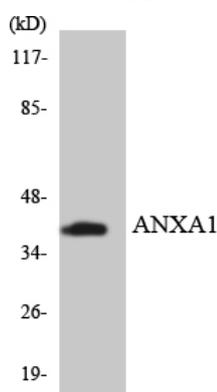
Research Area

Signal Transduction

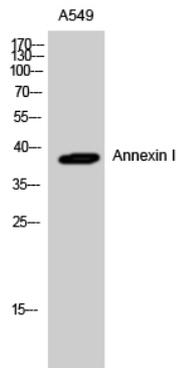
Image Data



Western blot analysis of ANXA1 Antibody. The lane on the right is blocked with the ANXA1 peptide.



Western blot analysis of the lysates from HepG2 cells using ANXA1 antibody.



Western Blot analysis of A549 cells using Annexin I Polyclonal Antibody diluted at 1 : 2000