



Rabbit Anti-Annexin IV antibody

SL1564R

Product Name:	Annexin IV
Chinese Name:	膜粘连蛋白 A4抗体
Alias:	35 beta calcimedlin; Carbohydrate binding protein P33/P41; DKFZp686H02120; Endonexin I; Lipocortin IV; P32.5; Annexin A4; Annexin IV placental anticoagulant protein II; ANX 4; ANX A4; ANX4; ANXA 4; LipocortinIV; P33/41; Placental anticoagulant protein II antibody PP4X; Proliferation inducing protein 28; ANXA4 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	35kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Annexin IV:210-319/319
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The Annexins are a family of structurally similar proteins. Annexins bind to phospholipids and may be involved in regulation of membrane transport, membrane channel activity, and interaction of the cell membrane with the extracellular matrix.

Annexin A4 (ANXA4) belongs to the annexin family of calcium dependent phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane related events along exocytotic and endocytotic pathways. ANXA4 has 45 to 59% identity with other members of its family and shares a similar size and exon intron organization. Isolated from human placenta, ANXA4 encodes a protein that has possible interactions with ATP, and has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. ANXA4 is almost exclusively expressed in epithelial cells.

Function:

Calcium/phospholipid-binding protein which promotes membrane fusion and is involved in exocytosis.

Similarity:

Belongs to the annexin family.
Contains 4 annexin repeats.

SWISS:

P09525

Gene ID:

307

Database links:

[Entrez Gene: 281625](#)Cow

[Entrez Gene: 606756](#)Dog

[Entrez Gene: 307](#)Human

[Entrez Gene: 11746](#)Mouse

[Entrez Gene: 79124](#)Rat

[Omim: 106491](#)Human

[SwissProt: P13214](#)Cow

[SwissProt: P50994](#)Dog

[SwissProt: P09525](#)Human

[SwissProt: P97429](#)Mouse

[SwissProt: P08132](#)Pig

[SwissProt: P55260](#)Rat

[Unigene: 422986](#)Human

[Unigene: 259702](#)Mouse

[Unigene: 19270](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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