

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.
Research Area	Cardiovascular
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human(predicted:Mouse,Rat,Dog,Pig,Cow,Rabbit) WB=1:500-2000 (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	35kDa
Cellular localization	cytoplasmic The cell membrane
Form	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
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed

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.

Product Detail

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

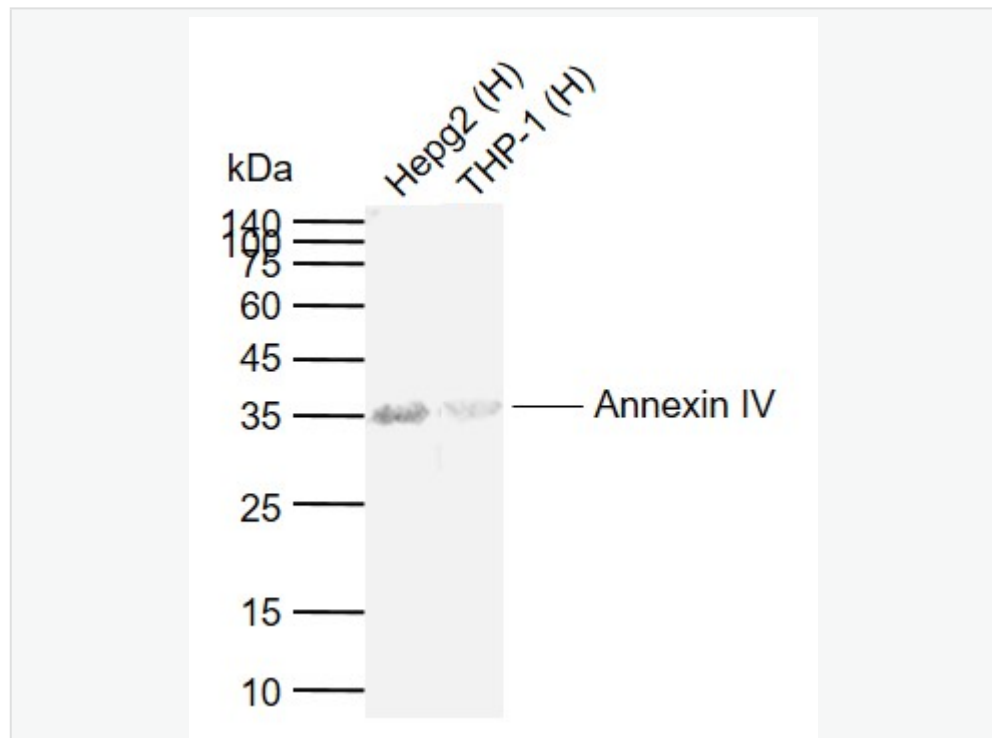
[SwissProt: P55260](#) Rat

[Unigene: 422986](#) Human

[Unigene: 259702](#) Mouse

[Unigene: 19270](#) Rat

Product Picture



Sample:

Lane 1: Human Hepg2 cell lysates

Lane 2: Human THP-1 cell lysates

Primary: Anti- Annexin IV (SL1564R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 35 kDa



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Observed band size: 35 kDa