



## Rabbit Anti-Annexin VI antibody

SL8997R

<b>Product Name:</b>	Annexin VI
<b>Chinese Name:</b>	膜粘连蛋白6抗体
<b>Alias:</b>	Annexin VI; 67 kDa calelectrin; Annexin A6; Annexin VI p68; AnnexinA6; AnnexinVI; ANX 6; ANX A6; ANX6; ANXA 6; ANXA6; Calcium binding protein p68; Calelectrin; Calphobindin II; CalphobindinII; CBP 68; CBP68; Chromobindin 20; Chromobindin20; CPB II; CPBII; Lipocortin VI; LipocortinVI; p68; P70; Protein III; ProteinIII.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	67-74kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Annexin VI:601-673/673
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	The Annexin family of calcium binding proteins is composed of at least ten mammalian genes. It is characterised by a conserved core domain which binds to phospholipids in a Ca <sup>2+</sup> dependent manner and a unique amino terminal region which may confer binding specificity. The Annexin family has been implicated as regulators of such diverse

processes as ion flux, endocytosis and exocytosis, and cellular adhesion. When overexpressed in A431 cells, Annexin VI causes a partial reversal of the transformed phenotype.

**Function:**

May associate with CD21. May regulate the release of Ca(2+) from intracellular stores.

**Tissue Specificity:**

Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

**Post-translational modifications:**

Phosphorylated in response to growth factor stimulation.

**Similarity:**

Belongs to the annexin family.  
Contains 8 annexin repeats.

**SWISS:**

P08133

**Gene ID:**

309

**Database links:**

[Entrez Gene: 309](#)Human

[Entrez Gene: 11749](#)Mouse

[Entrez Gene: 79125](#)Rat

[Omin: 114070](#)Human

[SwissProt: P08133](#)Human

[SwissProt: P14824](#)Mouse

[SwissProt: P48037](#)Rat

[Unigene: 412117](#)Human

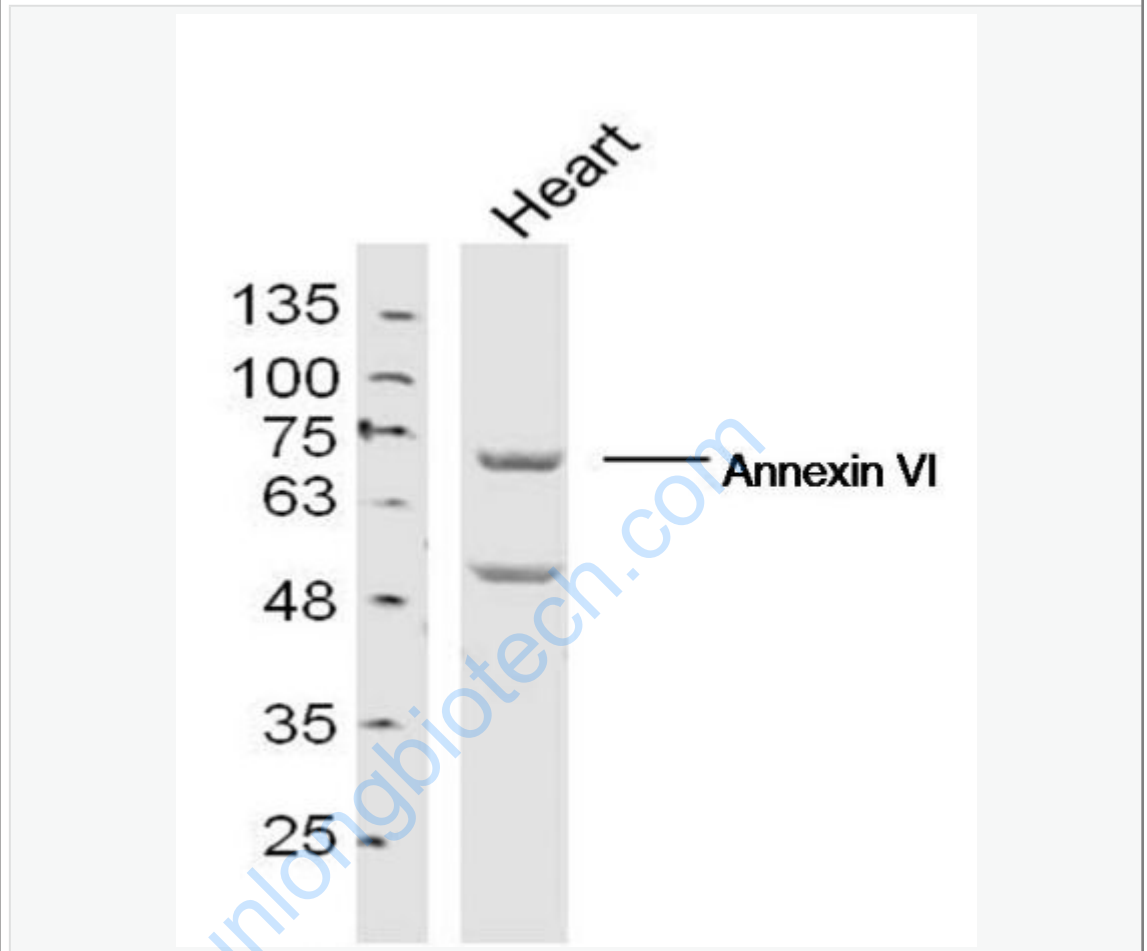
[Unigene: 265347](#)Mouse

[Unigene: 204053](#)Rat

**Important Note:**

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

Picture:



Sample:

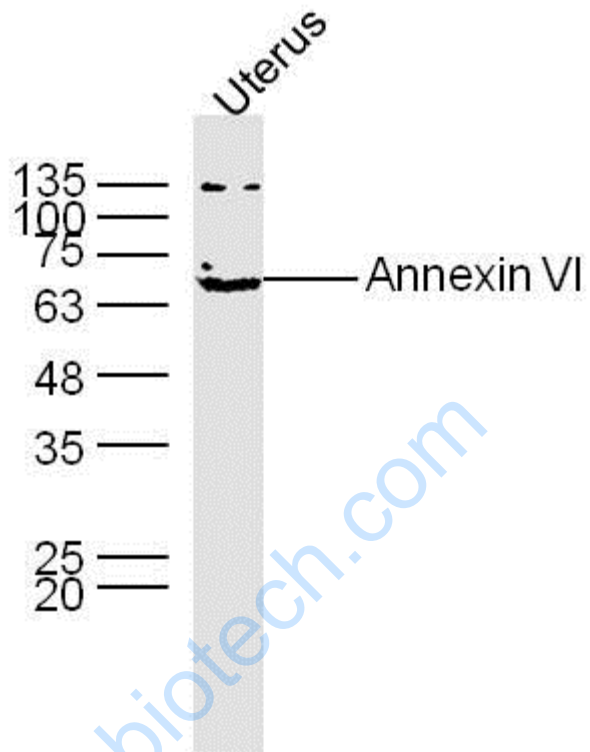
Heart (Mouse) Lysate at 40 ug

Primary: Anti-Annexin VI (SL8997R) at 1/300 dilution

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

Predicted band size: 67/74 kD

Observed band size: 70 kD

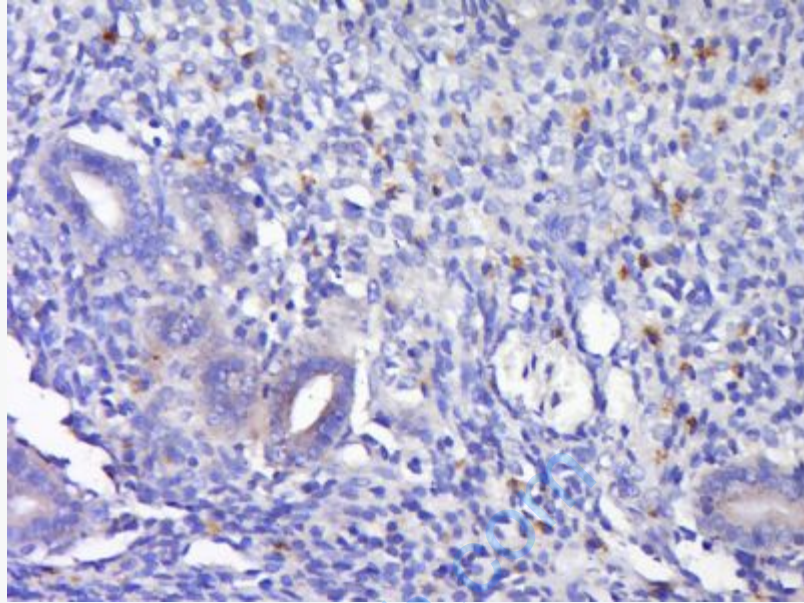


Protein: uterus(mouse) lysates at 40ug;

Primary: Rabbit Anti- Annexin VI (SL8997R) at 1:300;

Secondary: 800CW Conjugated Goat (polyclonal) Anti-Rabbit IgG(H+L) at 1:10000;

Predicted band size:67/74 kD Observed band size:67 kD



Paraformaldehyde-fixed, paraffin embedded (rat uterus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Annexin VI) Polyclonal Antibody, Unconjugated (SL8997R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.