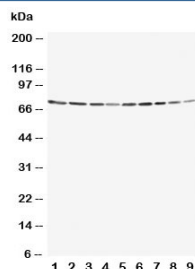


## Annexin VI Antibody (R30506)

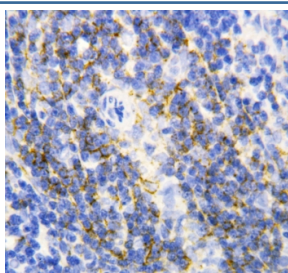
Catalog No.	Formulation	Size
R30506	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

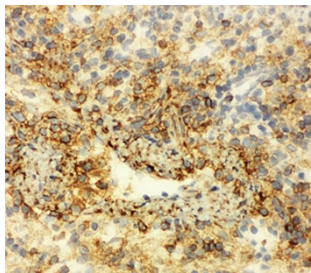
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P08133
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml IHC (Frozen) : 0.5-1ug/ml
<b>Limitations</b>	This Annexin VI antibody is available for research use only.



Western blot testing of Annexin VI antibody and Lane 1: rat ovary; 2: rat liver; 3: rat intestine tenue; 4: rat brain; 5: human A549; 6: human Jurkat; 7: human Raji; 8: human CCRF-CEM; 9: human SMMC-7721 cell lysate. Expected molecular weight: 67-76 kDa.



IHC testing of FFPE rat spleen tissue with Annexin VI antibody. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of frozen rat spleen tissue with Annexin VI antibody.

## Description

Annexin VI (ANXA6) is a member of a family of proteins that bind membrane or cytoskeleton in a  $\text{Ca}^{2+}$ -dependent manner. These proteins are characterized by homologous amino acid sequences that are present in multiple copies in each protein. ANXA6 gene is assigned to 5q32-q34 by use of a cDNA clone to probe genomic DNA from rodent-human somatic cell hybrids and for in situ hybridization. The ANX6 gene is approximately 60 kb long and contains 26 exons. The genomic sequence at the 3-prime end does not contain a canonical polyadenylation signal.  $\text{Ca}^{2+}$ -dependent binding between CRHSP28 and ANXA6 is required for acinar cell membrane trafficking events and digestive enzyme secretion.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Annexin VI antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the C-terminus of human Annexin VI (NIRREFIEKYDKSLHQA) was used as the immunogen for this Annexin VI antibody (100% homologous in human, mouse and rat).

## Storage

After reconstitution, the Annexin VI antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.