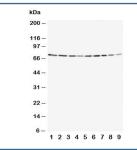


# **Annexin VI Antibody (R30506)**

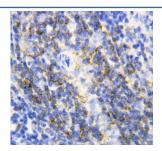
Catalog No.	Formulation	Size
R30506	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

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

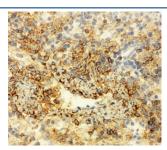


Western blot testing of Annexin VI antibody and Lane 1: rat ovary; 2: rat liver; 3: rat intestinum tenue; 4: rat brain; 5: human A549; 6: human Jurkat; 7: human Raji; 8: human CCRF-CEM; 9: human SMMC-7721 cell lysate. Expected molecular weight: 67-76 kDa.



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 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 polyadenylylation signal. 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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.