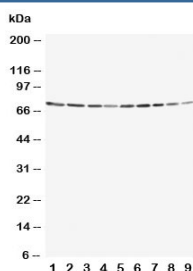


Annexin VI Antibody (R30506)

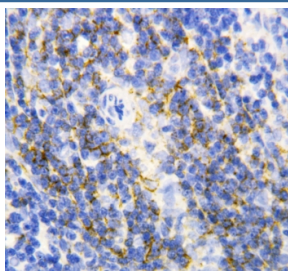
Catalog No.	Formulation	Size
R30506	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

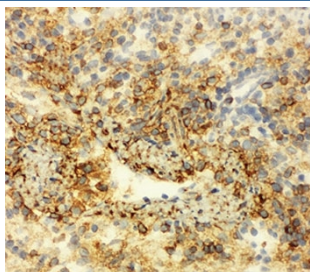
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P08133
Applications	Western Blot : 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 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 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. 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.