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Datasheet for ABIN5692982
anti-ANXA6 antibody (AA 395-665)

6 Images

Overview

Quantity:	100 µg
Target:	ANXA6
Binding Specificity:	AA 395-665
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANXA6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Brand:	Picoband™
Immunogen:	E. coli-derived human Annexin VI recombinant protein (Position: N395-L665).
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Annexin VI detection. Tested with WB, IHC-P, Direct ELISA in Human, Mouse, Rat.

Target Details

Target:	ANXA6
Alternative Name:	ANXA6 (ANXA6 Products)
Background:	Synonyms: Annexin A6, 67 kDa calelectrin, Annexin VI, Annexin-6, Calphobindin-II, CPB-II,

Target Details

Chromobindin-20, Lipocortin VI, Protein III, p68, p70, ANXA6, ANX6

Background: Annexin A6 (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.

UniProt: [P08133](#)

Application Details

Application Notes: Recommended Detection Systems: Enhanced Chemiluminescent Kit with anti-Rabbit IgG (ABIN921124) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).

Application Details: Western blot,0.1-0.5 µg/mL

Immunohistochemistry(Paraffin-embedded Section),0.5-1 µg/mL

Direct ELISA,0.1-0.5 µg/mL

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

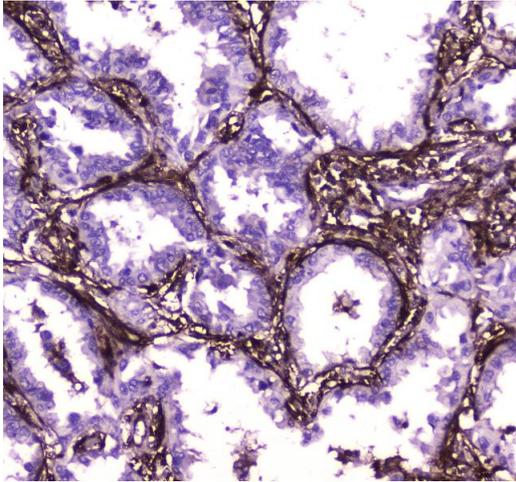
Buffer: Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na₂HPO₄, 0.05 mg NaN₃.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

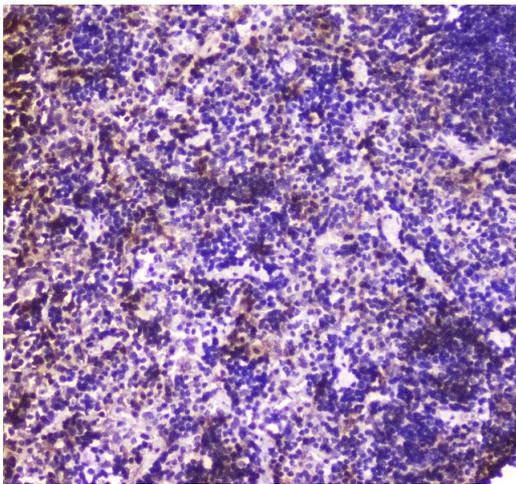
Storage: 4 °C,-20 °C

Storage Comment: At -20°C for one year. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.



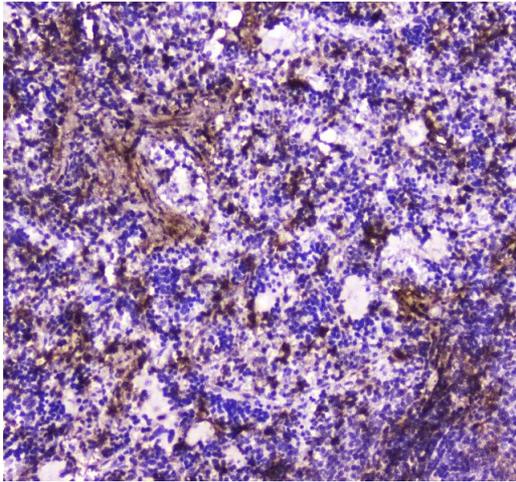
Immunohistochemistry

Image 1. IHC analysis of Annexin VI using anti-Annexin VI antibody . Annexin VI was detected in paraffin-embedded section of human lung cancer tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2µg/ml rabbit anti-Annexin VI Antibody overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC)(Catalog # SA1022) with DAB as the chromogen.



Immunohistochemistry

Image 2. IHC analysis of Annexin VI using anti-Annexin VI antibody . Annexin VI was detected in paraffin-embedded section of mouse spleen tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2µg/ml rabbit anti-Annexin VI Antibody overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC)(Catalog # SA1022) with DAB as the chromogen.



Immunohistochemistry

Image 3. IHC analysis of Annexin VI using anti-Annexin VI antibody . Annexin VI was detected in paraffin-embedded section of rat spleen tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 μ g/ml rabbit anti-Annexin VI Antibody overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC)(Catalog # SA1022) with DAB as the chromogen.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5692982.