

Anti-Annexin VI Antibody

Catalog # ABO10756

Specification

Anti-Annexin VI Antibody - Product Information

ApplicationWB, IHC-P, IHC-FPrimary AccessionP08133HostRabbitReactivityHuman, Mouse, RatClonalityPolyclonalFormatLyophilizedDescriptionRabbit IgG polyclonal antibody for Annexin A6(ANXA6) detection. Tested with WB, IHC-P, IHC-F inHuman;Mouse;Rat.Human;Mouse;Rat.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-Annexin VI Antibody - Additional Information

Gene ID 309

Other Names Annexin A6, 67 kDa calelectrin, Annexin VI, Annexin-6, Calphobindin-II, CPB-II, Chromobindin-20, Lipocortin VI, Protein III, p68, p70, ANXA6, ANX6

Calculated MW 75873 MW KDa

Application Details Immunohistochemistry(Frozen Section), 0.5-1 μg/ml, Rat, Human, Mouse
Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μg/ml, Human, Rat, Mouse, By Heat
Western blot, 0.1-0.5 μg/ml, Human, Rat, Mouse

Subcellular Localization

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

Protein Name Annexin A6

Contents Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminus of human Annexin VI(636-652aa NIRREFIEKYDKSLHQA), identical to the related mouse and rat sequences.

Purification



Immunogen affinity purified.

Cross Reactivity No cross reactivity with other proteins

Storage

At -20°C for one year. After r°Constitution, 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.

Sequence Similarities Belongs to the annexin family.

Anti-Annexin VI Antibody - Protein Information

Name ANXA6

Synonyms ANX6

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

Cellular Location

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

Anti-Annexin VI Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Anti-Annexin VI Antibody - Images



Anti-Annexin VI antibody, ABO10756, Western blottingLane 1: Rat Ovary Tissue LysateLane 2: Rat Liver Tissue LysateLane 3: Rat Intestinum Tenue Tissue LysateLane 4: Rat Brain Tissue LysateLane 5: A549 Cell LysateLane 6: JURKAT Cell LysateLane 7: RAJI Cell LysateLane 8: CEM Cell LysateLane 9: SMMC Cell Lysate



Anti-Annexin VI antibody, ABO10756, IHC(P)IHC(P): Rat Spleen Tissue



Anti-Annexin VI antibody, ABO10756, IHC(F)IHC(F): Rat Spleen Tissue Anti-Annexin VI Antibody - 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 polyadenylylation signal.Ca(2+)-dependent binding between CRHSP28 and ANXA6 is required for acinar cell membrane trafficking events and digestive enzyme secretion