

Anti-Annexin VI/ANXA6 Antibody Picoband®

Catalog Number: PA1436

About ANXA6

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

Overview

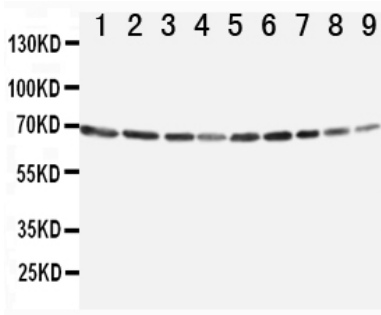
Product Name	Anti-Annexin VI/ANXA6 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Annexin VI/ANXA6 Antibody catalog # PA1436. Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P08133

Technical Details

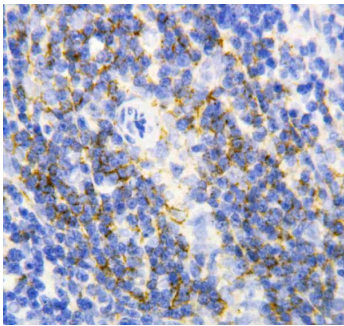
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Annexin VI, identical to the related mouse and rat sequences.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P) and IHC(F).
Cross Reactivity	No cross-reactivity with other proteins

Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry (Frozen Section), 0.5-1ug/ml, Rat, Human, Mouse Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human, Rat, Mouse Western blot, 0.1-0.5ug/ml, Human, Rat, Mouse

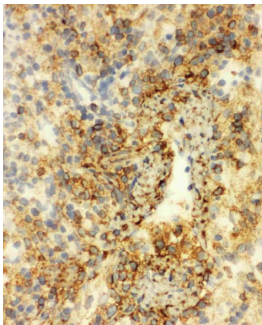
Anti-Annexin VI/ANXA6 Antibody Picoband® (PA1436) Images



Anti-Annexin VI antibody, PA1436, Western blotting
Lane 1: Rat Ovary Tissue Lysate
Lane 2: Rat Liver Tissue Lysate
Lane 3: Rat Intestinum Tenue Tissue Lysate
Lane 4: Rat Brain Tissue Lysate
Lane 5: A549 Cell Lysate
Lane 6: JURKAT Cell Lysate
Lane 7: RAJI Cell Lysate
Lane 8: CEM Cell Lysate
Lane 9: SMMC Cell Lysate



Anti-Annexin VI antibody, PA1436, IHC(P)
IHC(P): Rat Spleen Tissue



Anti-Annexin VI antibody, PA1436, IHC(F)
IHC(F): Rat Spleen Tissue

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Anti-Annexin VI/ANXA6 Antibody

For Research Use Only. Not for use in diagnostic procedures.