

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

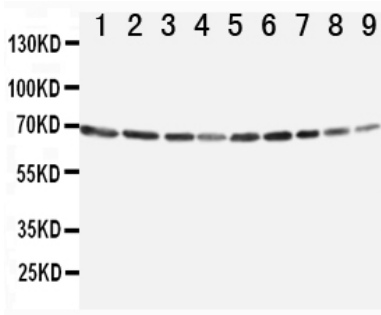
Product Name	Anti-Annexin VI/ANXA6 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Annexin VI/ANXA6 Antibody catalog # PA1436. Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees 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 Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ . *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

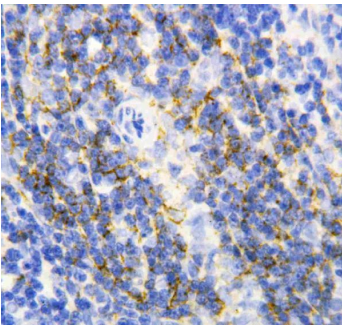
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Annexin VI, identical to the related mouse and rat sequences.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit 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

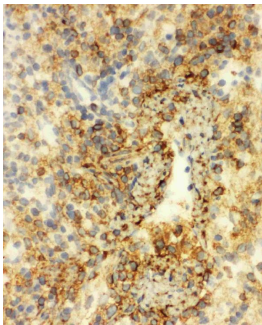
Anti-Annexin VI/ANXA6 Antibody Picoband® (PA1436) Images



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.