

Anti-Angiopietin-related protein 1 ANGPTL1 Antibody Picoband®

Catalog Number: PA1487

About ANGPTL1

ANGPTL1, Angiopietin-related protein 1, is a protein that in humans is encoded by the ANGPTL1 gene. Angiopietins are members of the vascular endothelial growth factor family and the only known growth factors largely specific for vascular endothelium. Angiopietin-1, angiopietin-2, and angiopietin-4 participate in the formation of blood vessels. The protein encoded by this gene is another member of the angiopietin family that is widely expressed in adult tissues with mRNA levels highest in highly vascularized tissues. This protein was found to be a secretory protein that does not act as an endothelial cell mitogen in vitro. ANGPTL1 is widely expressed in human adult tissues as a major 3.0-kb transcript and a less abundant 4.0-kb transcript.

Overview

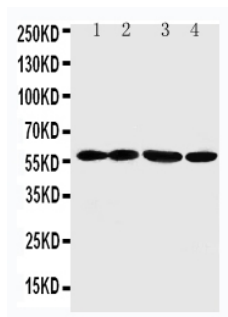
Product Name	Anti-Angiopietin-related protein 1 ANGPTL1 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Angiopietin-related protein 1 ANGPTL1 Antibody catalog # PA1487. Tested in WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates 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	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	O95841

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human ANGPTL1, identical to the related rat and mouse sequences.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.

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	Western blot, 0.1-0.5ug/ml, Human, Rat, Mouse

Anti-Angiopoietin-related protein 1 ANGPTL1 Antibody Picoband® (PA1487) Images



Anti-ANGPTL1 antibody, PA1487, Western blotting
Lane 1: A549 Cell Lysate
Lane 2: SW620 Cell Lysate
Lane 3: MCF-7 Cell Lysate
Lane 4: MM231 Cell Lysate

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