10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-ANGPTL2 Picoband Antibody

Catalog # ABO10322

Specification

Anti-ANGPTL2 Picoband Antibody - Product Information

Application	**WB, IHC**
Primary Accession	Q9UKU9
Host	**Rabbit**
Reactivity	**Human, Mouse, Rat**
Clonality	**Polyclonal**
Format	**Lyophilized**

Description
Rabbit IgG polyclonal antibody for Angiopoietin-related protein 2(ANGPTL2) detection. Tested with WB, IHC-P in Human;Mouse;Rat.

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

Anti-ANGPTL2 Picoband Antibody - Additional Information

Gene ID 23452

Other Names
Angiopoietin-related protein 2, Angiopoietin-like protein 2, ANGPTL2, ARP2

Calculated MW
57104 MW KDa

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

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

Subcellular Localization
Secreted.

Tissue Specificity
Widely expressed in heart, small intestine, spleen and stomach. Also found in lower levels in colon, ovary, adrenal gland, skeletal muscle and in prostate.

Protein Name
Angiopoietin-related protein 2

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

Immunogen
A synthetic peptide corresponding to a sequence in the middle region of human ANGPTL2 (275-312aa WRDCLQALEDGHDTSSIYLVKPENTNRLMQVWCDQRHD), different from the related mouse sequence by one amino acid.

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.**

Anti-ANGPTL2 Picoband Antibody - Protein Information

Name ANGPTL2

Synonyms ARP2

Function
Induces sprouting in endothelial cells through an autocrine and paracrine action.

Cellular Location
Secreted.

Tissue Location
Widely expressed in heart, small intestine, spleen and stomach. Also found in lower levels in colon, ovary, adrenal gland, skeletal muscle and in prostate

Anti-ANGPTL2 Picoband Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-ANGPTL2 Picoband Antibody - Images

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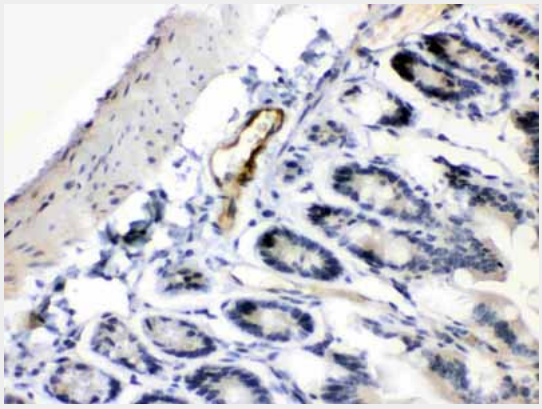
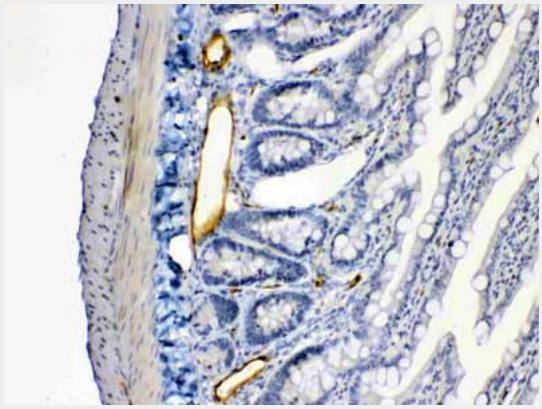
Western blot analysis of ANGPTL2 expression in rat stomach extract (lane 1) and mouse ovary extract (lane 2). ANGPTL2 at 57KD was detected using rabbit anti- ANGPTL2 Antigen Affinity purified polyclonal antibody (Catalog # ABO10322) at 0.5 Î¼g/mL. The blot was developed using chemiluminescence (ECL) method .



ANGPTL2 was detected in paraffin-embedded sections of mouse intestine tissues using rabbit anti- ANGPTL2 Antigen Affinity purified polyclonal antibody (Catalog # ABO10322) at 1 Î¼g/mL. The immunohistochemical section was developed using SABC method .



ANGPTL2 was detected in paraffin-embedded sections of rat intestine tissues using rabbit anti-ANGPTL2 Antigen Affinity purified polyclonal antibody (Catalog # ABO10322) at 1 Î¼g/mL. The immunohistochemical section was developed using SABC method .

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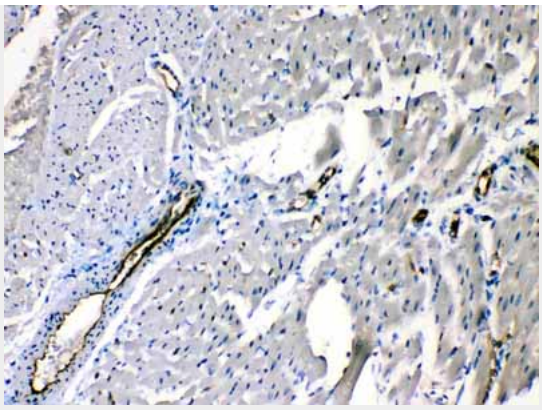
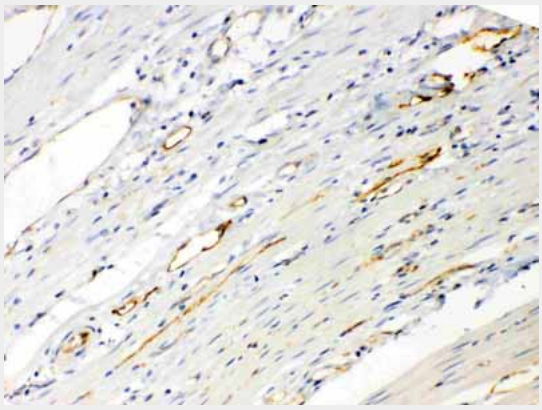


ANGPTL2 was detected in paraffin-embedded sections of rat cardiac muscle tissues using rabbit anti- ANGPTL2 Antigen Affinity purified polyclonal antibody (Catalog # ABO10322) at 1 Î¼g/mL. The immunohistochemical section was developed using SABC method .



ANGPTL2 was detected in paraffin-embedded sections of human intetsinal cancer tissues using rabbit anti- ANGPTL2 Antigen Affinity purified polyclonal antibody (Catalog # ABO10322) at 1 Î¼g/mL. The immunohistochemical section was developed using SABC method .

Anti-ANGPTL2 Picoband Antibody - Background

Angiopoietin-related protein 2, also known as angiopoietin-like protein 2, is a protein that in humans is encoded by the ANGPTL2 gene. Angiopoietins are members of the vascular endothelial growth factor family and the only known growth factors largely specific for vascular endothelium. Angiopoietin-1, angiopoietin-2, and angiopoietin-4 participate in the formation of blood vessels. ANGPTL2 protein is a secreted glycoprotein with homology to the angiopoietins and may exert a function on endothelial cells through autocrine or paracrine action.