

Anti-ANGPTL2 Picoband Antibody

Catalog # ABO10322

Product Information

Application	WB, IHC-P
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.

Additional Information

Gene ID	23452
Other Names	Angiopoietin-related protein 2, Angiopoietin-like protein 2, ANGPTL2, ARP2
Calculated MW	57104
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μ g/ml, Human, Mouse, Rat, By Heat Western blot, 0.1-0.5 μ g/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.
Source	Eukaryota
Protein Name	Angiopoietin-related protein 2
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ N.
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 reconstitution, 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.
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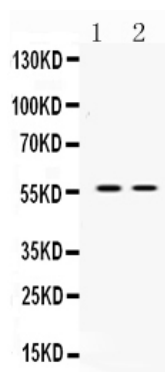
Protein Information

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

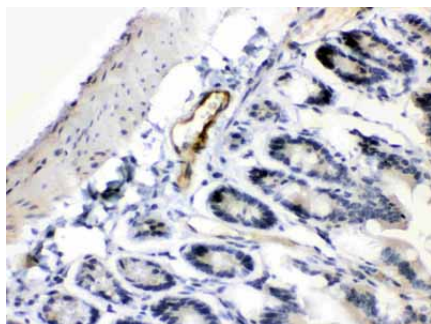
Background

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.

Images

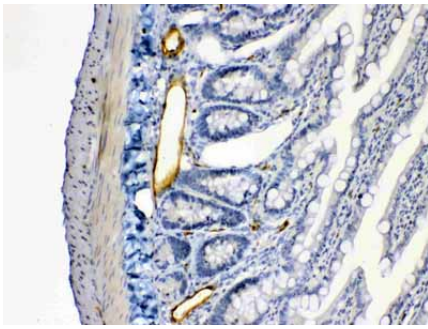


Western blot analysis of ANGPTL2 expression in rat stomach extract (lane 1) and mouse ovary extract (lane 2). ANGPTL2 at 57KD was detected using rabbit anti-ANGPTL2 Antigen Affinity purified polyclonal antibody (Catalog # ABO10322) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method.

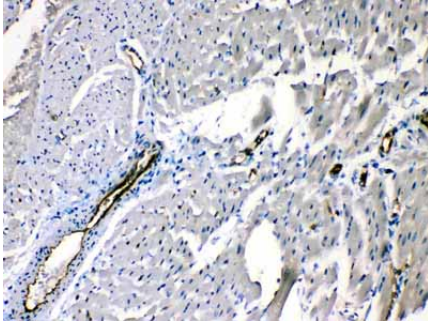


ANGPTL2 was detected in paraffin-embedded sections of mouse intestine tissues using rabbit anti-ANGPTL2 Antigen Affinity purified polyclonal antibody (Catalog # ABO10322) at 1 µg/mL. The immunohistochemical section was developed using SABC method.

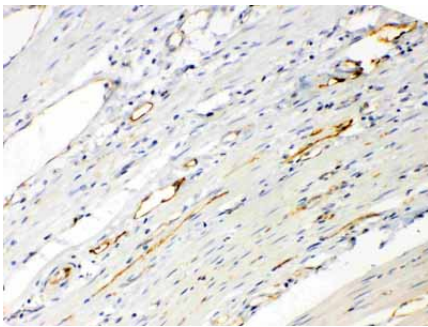
ANGPTL2 was detected in paraffin-embedded sections of rat intestine tissues using rabbit anti-ANGPTL2 Antigen Affinity purified polyclonal antibody (Catalog # ABO10322) at 1 µg/mL. The immunohistochemical



section was developed using SABC method .



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 μ g/mL. The immunohistochemical section was developed using SABC method .



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.