

Rabbit ANGPTL2 Polyclonal Antibody | anti-ANGPTL2 antibody

Anti-ANGPTL2 Antibody

CATALOG # AAA46753	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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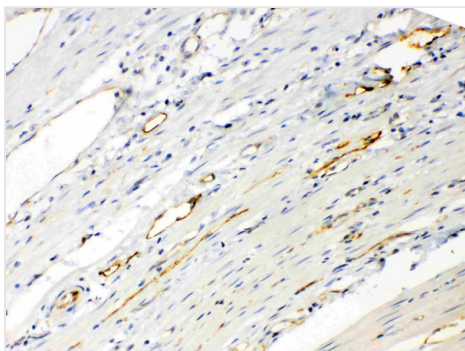
PRODUCT SYNONYMS

ANGPTL2; Polyclonal Antibody; Anti-ANGPTL2 Antibody; AI593246; Angptl2; Arp2; HARP; MGC8889; UNQ170/PRO196; Q9UKU9; Angiopoietin-related protein 2; angiopoietin like 2; anti-ANGPTL2 antibody

PRODUCT SPECIFICATIONS

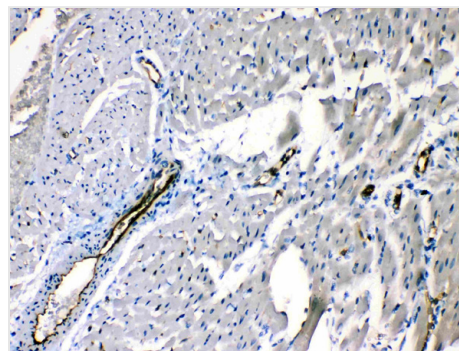
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	493
Applicable Applications for anti-ANGPTL2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human ANGPTL2 (275-312aa WRDCLQALEDGHDTSIYLVKPENTNRLMQVWCDQRHD), different from the related mouse sequence by one amino acid.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



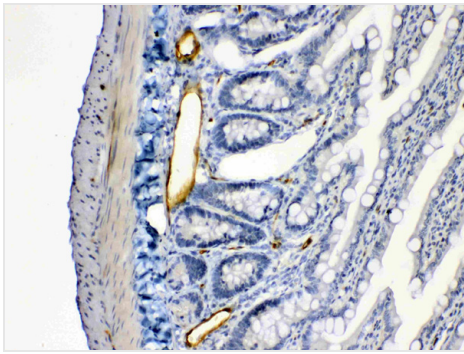
IHC (Immunohistochemistry)

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



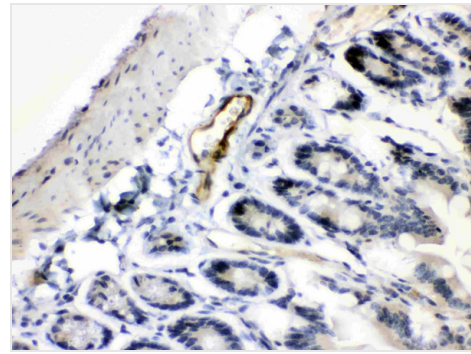
IHC (Immunohistochemistry)

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



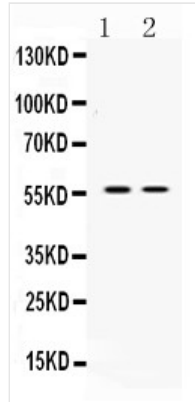
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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 at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-ANGPTL2 antibody	Rabbit IgG polyclonal antibody for Angiopoietin-related protein 2(ANGPTL2) detection. 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.
References	1. "Entrez Gene: ANGPTL2 angiopoietin-like 2". 2. Kim I, Moon SO, Koh KN, Kim H, Uhm CS, Kwak HJ, Kim NG, Koh GY (Oct 1999). "Molecular cloning, expression, and characterization of angiopoietin-related protein. angiopoietin-related protein induces endothelial cell sprouting". J Biol Chem. 274 (37): 26523-8. 3. Sun H, Zheng JM, Chen S, et al. (2007). "Enhanced expression of ANGPTL2 in the microvascular lesions of diabetic glomerulopathy". Nephron Exp. Nephrol.105 (4): e117-23.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912236
NCBI GeneID	23452
NCBI Accession #	NP_036230.1
NCBI GenBank Nucleotide #	NM_012098.2
UniProt Accession #	Q9UKU9; Q5JT58; Q8NCH7

Molecular Weight	22,717 Da
NCBI Official Full Name	angiopoietin-related protein 2
NCBI Official Synonym Full Names	angiopoietin like 2
NCBI Official Symbol	ANGPTL2
NCBI Official Synonym Symbols	ARP2; HARP
NCBI Protein Information	angiopoietin-related protein 2
UniProt Protein Name	Angiopoietin-related protein 2
UniProt Gene Name	ANGPTL2
UniProt Synonym Gene Names	ARP2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/angptl2-antibody-immunohistochemistry-western-blot-elisa/46753>