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ANGPTL2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP6547b

Specification

ANGPTL2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9UKU9

ANGPTL2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 23452

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

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6547b was selected from the C-term region of human ANGPTL2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ANGPTL2 Antibody (C-term) Blocking Peptide - 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

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ANGPTL2 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

ANGPTL2 Antibody (C-term) Blocking Peptide - Images

ANGPTL2 Antibody (C-term) Blocking Peptide - Background

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.

ANGPTL2 Antibody (C-term) Blocking Peptide - References

Kikuchi,R., Cancer Res. 68 (13), 5067-5075 (2008)Sun,H., Nephron Exp. Nephrol. 105 (4), E117-E123 (2007)