

### **ANGPTL2 Antibody (C-term) Blocking Peptide**

Synthetic peptide Catalog # BP6547b

### **Specification**

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

Primary Accession <u>O9UKU9</u>

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 <a href=/products/AP6547b>AP6547b</a> 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

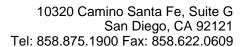
Synonyms ARP2

# 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)





#### **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

# ANGPTL2 Antibody (C-term) Blocking Peptide - Protocols

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

• Blocking Peptides