

**DCBLD2 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13827b****Specification**

---

**DCBLD2 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [Q96PD2](#)

**DCBLD2 Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 131566

**Other Names**

Discoidin, CUB and LCCL domain-containing protein 2, CUB, LCCL and coagulation factor V/VIII-homology domains protein 1, Endothelial and smooth muscle cell-derived neuropilin-like protein, DCBLD2, CLCP1, ESDN

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13827b was selected from the C-term region of DCBLD2. 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.

**DCBLD2 Antibody (C-term) Blocking peptide - Protein Information**

**Name** DCBLD2

**Synonyms** CLCP1, ESDN

**Cellular Location**

Membrane; Single- pass type I membrane protein

**Tissue Location**

Highly expressed in testis, heart, skeletal muscle and also in cultured vascular smooth muscle cells

**DCBLD2 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **DCBLD2 Antibody (C-term) Blocking peptide - Images**

#### **DCBLD2 Antibody (C-term) Blocking peptide - Background**

DCBLD2, otherwise known as ESDN (endothelial and smooth muscle cell-derived neuropilin-like molecule) is a novel type-I transmembrane protein with the longest cleavable secretory signal sequence among eukaryotes. It is expressed in various tissues; particularly highly expressed in cultured vascular smooth muscle cells. DCBLD2 is considered to play a role in regulation of vascular cell growth and may have a wide variety of functions in other tissues including the nervous system, like neuropilins.

#### **DCBLD2 Antibody (C-term) Blocking peptide - References**

Rose, J. Phd, et al. Mol. Med. (2010) In press :Guo, X., et al. J. Biol. Chem. 284(43):29376-29382(2009)Marroni, F., et al. Circ Cardiovasc Genet 2(4):322-328(2009)Kim, M., et al. Mol. Cancer Res. 6(2):222-230(2008)Sadeghi, M.M., et al. Am. J. Transplant. 7(9):2098-2105(2007)