

**EVC Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9590a****Specification**

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**EVC Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [P57679](#)**EVC Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 2121**Other Names**

Ellis-van Creveld syndrome protein, DWF-1, EVC

**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.

**EVC Antibody (N-term) Blocking Peptide - Protein Information****Name** EVC**Function**

Component of the Evc complex that positively regulates ciliary Hedgehog (Hh) signaling. Involved in endochondral growth and skeletal development.

**Cellular Location**

Cell membrane {ECO:0000250|UniProtKB:P57680}; Single-pass membrane protein {ECO:0000250|UniProtKB:P57680}. Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250|UniProtKB:P57680}. Cell projection, cilium {ECO:0000250|UniProtKB:P57680}. Cell projection, cilium membrane {ECO:0000250|UniProtKB:P57680}. Note=EVC2 is required for the localization of EVC at the base of primary cilia. The Evc complex localizes at the base of cilia in the Evc zone of primary cilia in a EFCAB7-dependent manner. {ECO:0000250|UniProtKB:P57680}

**Tissue Location**

Found in the developing vertebral bodies, ribs, upper and lower limbs, heart, kidney, lung

**EVC Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **EVC Antibody (N-term) Blocking Peptide - Images**

#### **EVC Antibody (N-term) Blocking Peptide - Background**

EVC is a protein containing a leucine zipper and a transmembrane domain.

#### **EVC Antibody (N-term) Blocking Peptide - References**

Palencia, M., et al. Hum. Mutat. 30(12):1667-1675(2009) Gund, K.L., et al. Hum. Mol. Genet. 18(10):1813-1824(2009) Gust, A., et al. Neuromolecular Med. 11(1):13-19(2009)