

**POC1A Blocking Peptide (C-term)**

Synthetic peptide

Catalog # BP21149a

**Specification**

---

**POC1A Blocking Peptide (C-term) - Product Information**

Primary Accession

[Q8NBT0](#)**POC1A Blocking Peptide (C-term) - Additional Information**

Gene ID 25886

**Other Names**

POC1 centriolar protein homolog A, Pix2, Proteome of centriole protein 1A, WD repeat-containing protein 51A, POC1A, WDR51A

**Target/Specificity**

The synthetic peptide sequence is selected from aa 326-340 of HUMAN POC1A

**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.

**POC1A Blocking Peptide (C-term) - Protein Information**

Name POC1A

Synonyms WDR51A

**Function**

Plays an important role in centriole assembly and/or stability and ciliogenesis. Involved in early steps of centriole duplication, as well as in the later steps of centriole length control. Acts in concert with POC1B to ensure centriole integrity and proper mitotic spindle formation.

**Cellular Location**

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole Cytoplasm, cytoskeleton, cilium basal body. Cytoplasm, cytoskeleton, spindle pole. Note=Component of both mother and daughter centrioles

**POC1A Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)

#### **POC1A Blocking Peptide (C-term) - Images**

#### **POC1A Blocking Peptide (C-term) - Background**

Plays an important role in centriole assembly and/or stability and ciliogenesis. Involved in early steps of centriole duplication, as well as in the later steps of centriole length control. Acts in concert with POC1B to ensure centriole integrity and proper mitotic spindle formation.

#### **POC1A Blocking Peptide (C-term) - References**

Ota T., et al. Nat. Genet. 36:40-45(2004).  
Muzny D.M., et al. Nature 440:1194-1198(2006).  
Bechtel S., et al. BMC Genomics 8:399-399(2007).  
Hames R.S., et al. Exp. Cell Res. 314:574-589(2008).  
Pearson C.G., et al. J. Cell Biol. 187:905-920(2009).