

**SMEK2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16035b****Specification**

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**SMEK2 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q5MIZ7](#)**SMEK2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 57223**Other Names**

Serine/threonine-protein phosphatase 4 regulatory subunit 3B, SMEK homolog 2, SMEK2, KIAA1387, PP4R3B, PPP4R3B

**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.

**SMEK2 Antibody (C-term) Blocking Peptide - Protein Information****Name** PPP4R3B ([HGNC:29267](#))**Function**

Regulatory subunit of serine/threonine-protein phosphatase 4 (PP4). May regulate the activity of PPP4C at centrosomal microtubule organizing centers.

**Cellular Location**

Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Nucleus Note=In interphase localized in the cytoplasm and (with higher levels) the nucleus. During metaphase located in pericentriolar regions

**Tissue Location**

Moderately expressed in tissues and specific brain regions examined.

**SMEK2 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **SMEK2 Antibody (C-term) Blocking Peptide - Images**

### **SMEK2 Antibody (C-term) Blocking Peptide - Background**

Regulatory subunit of serine/threonine-protein phosphatase 4 (PP4). May regulate the activity of PPP4C at centrosomal microtubule organizing centers.

### **SMEK2 Antibody (C-term) Blocking Peptide - References**

Chowdhury, D., et al. Mol. Cell 31(1):33-46(2008)Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007)  
:Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)Gingras, A.C., et al. Mol. Cell  
Proteomics 4(11):1725-1740(2005)Mendoza, M.C., et al. Mol. Cell. Biol. 25(17):7839-7853(2005)