

**SDF4 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17498b****Specification**

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**SDF4 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q9BRK5](#)

**SDF4 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 51150

**Other Names**

45 kDa calcium-binding protein, Cab45, Stromal cell-derived factor 4, SDF-4, SDF4, CAB45

**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.

**SDF4 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** SDF4

**Synonyms** CAB45

**Function**

May regulate calcium-dependent activities in the endoplasmic reticulum lumen or post-ER compartment.

**Cellular Location**

[Isoform 1]: Golgi apparatus lumen {ECO:0000250|UniProtKB:Q61112}

**Tissue Location**

Ubiquitous. Isoform 5 is expressed in pancreas.

**SDF4 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**SDF4 Antibody (C-term) Blocking Peptide - Images****SDF4 Antibody (C-term) Blocking Peptide - Background**

SDF4 may regulate calcium-dependent activities in the endoplasmic reticulum lumen or post-ER compartment (By similarity). Isoform 5 may be involved in the exocytosis of zymogens by pancreatic acini.

**SDF4 Antibody (C-term) Blocking Peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Kang, H., et al. Int. J. Oncol. 35(1):205-211(2009) Zhu, Y., et al. J Genet Genomics 35(3):153-161(2008)