

SAMD9 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5709b**Specification**

SAMD9 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O5K651](#)
Other Accession [NP_060124.2](#)

SAMD9 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 54809

Other Names

Sterile alpha motif domain-containing protein 9, SAM domain-containing protein 9, SAMD9, C7orf5, DRIF1, KIAA2004, OEF1

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.

SAMD9 Antibody (C-term) Blocking peptide - Protein Information

Name SAMD9

Synonyms C7orf5, DRIF1, KIAA2004, OEF1

Function

Double-stranded nucleic acid binding that acts as an antiviral factor by playing an essential role in the formation of cytoplasmic antiviral granules (PubMed:25428864, PubMed:28157624). May play a role in the inflammatory response to tissue injury and the control of extra-osseous calcification, acting as a downstream target of TNF-alpha signaling. Involved in the regulation of EGR1, in coordination with RGL2. May be involved in endosome fusion.

Cellular Location

Cytoplasm

Tissue Location

Widely expressed. Very low levels are detected in skeletal muscle. Not detected in brain. Down-regulated in aggressive fibromatosis, as well as in breast and colon cancers. Up-regulated in

fibroblasts from patients with normophosphatemic tumoral calcinosis (NFTC).

SAMD9 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SAMD9 Antibody (C-term) Blocking peptide - Images

SAMD9 Antibody (C-term) Blocking peptide - References

Tanaka, M., et al. Int. J. Cancer 126(8):1982-1991(2010)Chafetz, I., et al. J. Invest. Dermatol. 128(6):1423-1429(2008)Dereure, O. Ann Dermatol Venereol 134 (5 PT 1), 505 (2007) :Li, C.F., et al. BMC Genomics 8, 92 (2007) :Topaz, O., et al. Am. J. Hum. Genet. 79(4):759-764(2006)