

AIFM3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9174b**Specification**

AIFM3 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q96NN9](#)**AIFM3 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 150209**Other Names**

Apoptosis-inducing factor 3, 1---, Apoptosis-inducing factor-like protein, AIFM3, AIFL

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9174b](/products/AP9174b) was selected from the C-term region of human AIFM3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

AIFM3 Antibody (C-term) Blocking Peptide - Protein Information**Name** AIFM3**Synonyms** AIFL**Function**

Induces apoptosis through a caspase dependent pathway. Reduces mitochondrial membrane potential.

Cellular Location

Mitochondrion. Note=Does not translocate to the nucleus upon induction of apoptosis

Tissue Location

Ubiquitous. Expressed in bone marrow, cerebral cortex, liver, ovary, thymus, thyroid gland and tongue (at protein level).

AIFM3 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

AIFM3 Antibody (C-term) Blocking Peptide - Images**AIFM3 Antibody (C-term) Blocking Peptide - Background**

This protein encodes a tumor suppressor that is involved in transcriptional and post-transcriptional control pathways. The protein is a component of the the PAF protein complex, which associates with the RNA polymerase II subunit POLR2A and with a histone methyltransferase complex. This protein appears to facilitate the association of 3' mRNA processing factors with actively-transcribed chromatin. Mutations in this gene have been linked to hyperparathyroidism-jaw tumor syndrome, familial isolated hyperparathyroidism, and parathyroid carcinoma.

AIFM3 Antibody (C-term) Blocking Peptide - References

Vierimaa,O., et.al., J. Endocrinol. Invest. 32 (6), 512-518 (2009)Hahn,M.A., et.al., J. Endocrinol. 201 (3), 387-396 (2009)