

MTA3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16492b**Specification**

MTA3 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9BTC8](#)**MTA3 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 57504**Other Names**

Metastasis-associated protein MTA3, MTA3, KIAA1266

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.

MTA3 Antibody (C-term) Blocking Peptide - Protein Information**Name** MTA3**Synonyms** KIAA1266**Function**

Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin (PubMed:16428440, PubMed:12705869, PubMed:28977666). Plays a role in maintenance of the normal epithelial architecture through the repression of SNAI1 transcription in a histone deacetylase-dependent manner, and thus the regulation of E-cadherin levels (PubMed:12705869). Contributes to transcriptional repression by BCL6 (PubMed:15454082).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00512, ECO:0000255|PROSITE-ProRule:PRU00624, ECO:0000269|PubMed:12705869, ECO:0000269|PubMed:28977666, ECO:0000269|PubMed:33283408}. Cytoplasm {ECO:0000250|UniProtKB:Q924K8}

Tissue Location

Expressed in germinal centers of lymphoid tissues. No expression in nonepithelial cells.

MTA3 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MTA3 Antibody (C-term) Blocking Peptide - Images**MTA3 Antibody (C-term) Blocking Peptide - Background**

MTA3 plays a role in maintenance of the normal epithelial architecture through the repression of SNAI1 transcription in a histone deacetylase-dependent manner, and thus the regulation of E-cadherin levels.

MTA3 Antibody (C-term) Blocking Peptide - References

Bruning, A., et al. Histochem. Cell Biol. 132(1):33-38(2009)Lasky-Su, J., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 147B (8), 1345-1354 (2008) :Zhang, H., et al. Genes Dev. 20(21):2943-2948(2006)Yu, J.C., et al. J. Biomed. Sci. 13(3):419-432(2006)Fujita, N., et al. Cell 119(1):75-86(2004)