

PES1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP19122b**Specification**

PES1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O00541](#)**PES1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 23481**Other Names**Pescadillo homolog {ECO:0000255|HAMAP-Rule:MF_03028}, PES1
{ECO:0000255|HAMAP-Rule:MF_03028}**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.

PES1 Antibody (C-term) Blocking Peptide - Protein Information**Name** PES1 {ECO:0000255|HAMAP-Rule:MF_03028}**Function**

Component of the PeBoW complex, which is required for maturation of 28S and 5.8S ribosomal RNAs and formation of the 60S ribosome.

Cellular Location

Nucleus, nucleolus. Nucleus, nucleoplasm. Chromosome. Note=Appears to localize to the periphery of metaphase chromosomes during mitosis and to the prenucleolar bodies that form in mitotic cells prior to the actual nucleoli. {ECO:0000255|HAMAP- Rule:MF_03028}

Tissue Location

Significant levels are detected in a variety of cancer cell lines, including glioblastoma, breast carcinoma, colon carcinoma and cervical carcinoma cells. Levels are abnormally elevated in malignant tumors of astrocytic origin

PES1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PES1 Antibody (C-term) Blocking Peptide - Images

PES1 Antibody (C-term) Blocking Peptide - Background

This gene encodes a protein that is abnormally elevated in malignant tumors of astrocytic origin. It is a strongly conserved gene containing a BRCT domain that is essential for the activity of this gene product. The gene plays a crucial role in cell proliferation and may be necessary for oncogenic transformation and tumor progression.

PES1 Antibody (C-term) Blocking Peptide - References

Zhang, J., et al. Acta Biochim. Biophys. Sin. (Shanghai) 41(12):991-997(2009) Li, J., et al. Cancer Sci. 100(12):2255-2260(2009) Rikova, K., et al. Cell 131(6):1190-1203(2007) Rohrmoser, M., et al. Mol. Cell. Biol. 27(10):3682-3694(2007) Grimm, T., et al. Nucleic Acids Res. 34(10):3030-3043(2006)