

ESR1 Antibody Isoform 1 (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP19498a**Specification**

ESR1 Antibody Isoform 1 (N-term) Blocking Peptide - Product Information**ESR1 Antibody Isoform 1 (N-term) Blocking Peptide - Additional Information****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.

ESR1 Antibody Isoform 1 (N-term) Blocking Peptide - Protein Information**ESR1 Antibody Isoform 1 (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

ESR1 Antibody Isoform 1 (N-term) Blocking Peptide - Images**ESR1 Antibody Isoform 1 (N-term) Blocking Peptide - Background**

This gene encodes an estrogen receptor, a ligand-activated transcription factor composed of several domains important for hormone binding, DNA binding, and activation of transcription. The protein localizes to the nucleus where it may form a homodimer or a heterodimer with estrogen receptor 2. Estrogen and its receptors are essential for sexual development and reproductive function, but also play a role in other tissues such as bone. Estrogen receptors are also involved in pathological processes including breast cancer, endometrial cancer, and osteoporosis. Alternative splicing results in several transcript variants, which differ in their 5'UTRs and use different promoters.

ESR1 Antibody Isoform 1 (N-term) Blocking Peptide - References

Geradts, J., et al. Cancer Invest. 28(9):969-977(2010) Hayes, D.F., et al. Clin. Pharmacol. Ther. 88(5):626-629(2010) Lupien, M., et al. Genes Dev. 24(19):2219-2227(2010) Corbo, R.M., et al. J. Gerontol. A Biol. Sci. Med. Sci. (2010) In press : Kim, S., et al. Fertil. Steril. (2010) In press :