

EWSR1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP8823b**Specification**

EWSR1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q01844](#)**EWSR1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 2130**Other Names**

RNA-binding protein EWS, EWS oncogene, Ewing sarcoma breakpoint region 1 protein, EWSR1, EWS

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8823b](/products/AP8823b) was selected from the C-term region of human EWSR1. 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.

EWSR1 Antibody (C-term) Blocking Peptide - Protein Information**Name** EWSR1**Synonyms** EWS**Function**

Binds to ssRNA containing the consensus sequence 5'-AGGUAA-3' (PubMed:[21256132](http://www.uniprot.org/citations/21256132)). Might normally function as a transcriptional repressor (PubMed:[10767297](http://www.uniprot.org/citations/10767297)). EWS-fusion-proteins (EFPS) may play a role in the tumorigenic process. They may disturb gene expression by mimicking, or interfering with the normal function of CTD-POLII within the transcription initiation complex. They may also contribute to an aberrant activation of the fusion protein target genes.

Cellular Location

Nucleus. Cytoplasm. Cell membrane. Note=Relocates from cytoplasm to ribosomes upon PTK2B/FAK2 activation

Tissue Location

Ubiquitous.

EWSR1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

EWSR1 Antibody (C-term) Blocking Peptide - Images**EWSR1 Antibody (C-term) Blocking Peptide - Background**

EWSR1 is a multifunctional protein that is involved in various cellular processes, including gene expression, cell signaling, and RNA processing and transport. The protein includes an N-terminal transcriptional activation domain and a C-terminal RNA-binding domain.

EWSR1 Antibody (C-term) Blocking Peptide - References

Bhagirath,T., et.al., Genes Chromosomes Cancer 13 (2), 126-132 (1995)