

EWSR1 Antibody (C-term) Blocking Peptide

Synthetic peptide Catalog # BP8823b

Specification

EWSR1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession <u>001844</u>

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 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

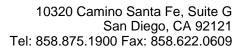
Name EWSR1

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)





Synonyms EWS

Function

Might normally function as a transcriptional repressor. 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