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SSR2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP13170b

Specification

SSR2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P43308

SSR2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 6746

Other Names
Translocon-associated protein subunit beta, TRAP-beta, Signal sequence receptor subunit beta, SSR-beta, SSR2, TRAPB

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13170b was selected from the C-term region of SSR2. 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.

SSR2 Antibody (C-term) Blocking Peptide - Protein Information

Name SSR2

Synonyms TRAPB

Function
TRAP proteins are part of a complex whose function is to bind calcium to the ER membrane and thereby regulate the retention of ER resident proteins.

Cellular Location
Endoplasmic reticulum membrane; Single-pass type I membrane protein

SSR2 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

SSR2 Antibody (C-term) Blocking Peptide - Images

SSR2 Antibody (C-term) Blocking Peptide - Background

The signal sequence receptor (SSR) is a glycosylatedendoplasmic reticulum (ER) membrane receptor associated withprotein translocation across the ER membrane. The SSR consists of 2subunits, a 34-kD glycoprotein (alpha-SSR or SSR1) and a 22-kDglycoprotein (beta-SSR or SSR2). The human beta-signal sequencereceptor gene (SSR2) maps to chromosome bands 1q21-q23. [providedby RefSeq].

SSR2 Antibody (C-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Sikorska, M., et al. J. Neurosci. Res. 86(8):1680-1693(2008)Zhang, H., et al. Nat. Biotechnol. 21(6):660-666(2003)Wang, L., et al. FEBS Lett. 457(3):316-322(1999)Dodson, G., et al. Curr. Opin. Struct. Biol. 8(2):189-194(1998)