

TRNAU1AP Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18294c**Specification**

TRNAU1AP Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q9NX07](#)

TRNAU1AP Antibody (Center) Blocking Peptide - Additional Information

Gene ID 54952

Other Names

tRNA selenocysteine 1-associated protein 1, SECP43, tRNA selenocysteine-associated protein 1, TRNAU1AP, SECP43, TRSPAP1

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.

TRNAU1AP Antibody (Center) Blocking Peptide - Protein Information

Name TRNAU1AP

Synonyms SECP43, TRSPAP1

Function

Involved in the early steps of selenocysteine biosynthesis and tRNA(Sec) charging to the later steps resulting in the cotranslational incorporation of selenocysteine into selenoproteins. Stabilizes the SECISBP2, EEFSEC and tRNA(Sec) complex. May be involved in the methylation of tRNA(Sec). Enhances efficiency of selenoproteins synthesis (By similarity).

Cellular Location

Nucleus. Cytoplasm. Note=Abundant in the nucleus.

TRNAU1AP Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TRNAU1AP Antibody (Center) Blocking Peptide - Images**TRNAU1AP Antibody (Center) Blocking Peptide - Background**

TRNAU1AP is involved in the early steps of selenocysteine biosynthesis and tRNA(Sec) charging to the later steps resulting in the cotranslational incorporation of selenocysteine into selenoproteins. Stabilizes the SECISBP2, EEFSEC and tRNA(Sec) complex. May be involved in the methylation of tRNA(Sec). Enhances efficiency of selenoproteins synthesis (By similarity).

TRNAU1AP Antibody (Center) Blocking Peptide - References

Small-Howard, A., et al. Mol. Cell. Biol. 26(6):2337-2346(2006) Xu, X.M., et al. J. Biol. Chem. 280(50):41568-41575(2005) Ding, F., et al. RNA 5(12):1561-1569(1999)