

TRNAU1AP Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18294c**Specification**

TRNAU1AP Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q9NX07
Other Accession	Q9OZI7 , Q80VC6 , Q1RMJ7 , NP_060316.1
Reactivity	Human
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	32499
Antigen Region	160-186

TRNAU1AP Antibody (Center) - Additional Information**Gene ID** 54952**Other Names**

tRNA selenocysteine 1-associated protein 1, SECp43, tRNA selenocysteine-associated protein 1, TRNAU1AP, SECP43, TRSPAP1

Target/Specificity

This TRNAU1AP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 160-186 amino acids from the Central region of human TRNAU1AP.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TRNAU1AP Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TRNAU1AP Antibody (Center) - 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).

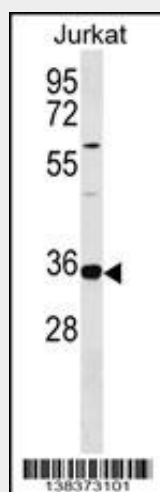
Cellular Location

Nucleus. Cytoplasm. Note=Abundant in the nucleus.

TRNAU1AP Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TRNAU1AP Antibody (Center) - Images

TRNAU1AP Antibody (Center) (Cat. #AP18294c) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the TRNAU1AP antibody detected the TRNAU1AP protein (arrow).

TRNAU1AP Antibody (Center) - 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) - 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)