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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	Q9QZI7, 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

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).

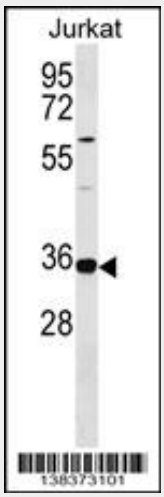
Cellular Location
Nucleus. Cytoplasm. Note=Abundant in the nucleus.

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 Cytomety
- 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)