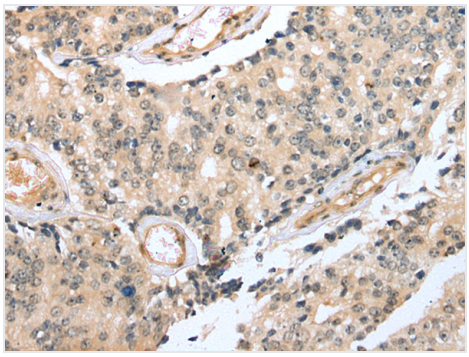
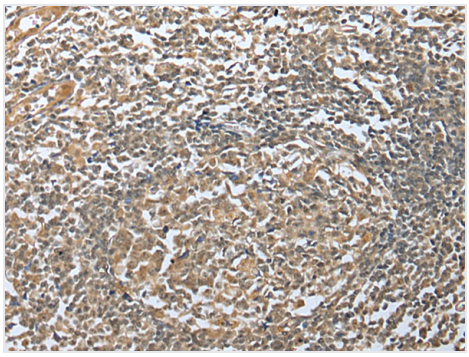
TRNAU1AP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TRNAU1AP, Polyclonal Antibody
Full Product Name	TRNAU1AP Antibody
Product Gene Name	anti-TRNAU1AP antibody
Product Synonym Names	SECP43; PRO1902; TRSPAP1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen Affinity Purification
Concentration	0.8 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total TRNAU1AP protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	20,403 Da
3D Structure	ModBase 3D Structure for Q9NX07
Immunogen	Fusion protein of human TRNAU1AP
Immunogen Type	Protein
Product Categories/Family for anti-TRNAU1AP antibody	Total protein Ab
Applications Tested/Suitable for anti-TRNAU1AP antibody	Immunohistochemistry (IHC)
Application Notes for anti-TRNAU1AP antibody	Immunohistochemistry: 1:25-1:100
Related Product Information for anti-TRNAU1AP antibody	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).
Other Notes	Small volumes of anti-TRNAU1AP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TRNAU1AP purchase	MBS9415549 is an antibody targeting TRNAU1AP. Also known as TRNAU1AP Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-TRNAU1AP antibody
Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using at dilution 1/25.



Immunohistochemistry (IHC) of anti-TRNAU1AP antibody
Immunohistochemical analysis of paraffin-embedded Human tonsil tissue using at dilution 1/25.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRNAU1AP. It may not necessarily be applicable to this product.

NCBI GI #	8923460
NCBI GeneID	54952
NCBI Accession #	NP_060316.1
UniProt Primary Accession #	Q9NX07
UniProt Secondary Accession #	Q86SU7
UniProt Related Accession #	Q9NX07
GenBank Nucleotide #	NM_017846.4
NCBI Official Full Name	tRNA selenocysteine 1-associated protein 1
NCBI Official Synonym Full Names	tRNA selenocysteine 1 associated protein 1
NCBI Official Symbol	TRNAU1AP
NCBI Official Synonym Symbols	SECP43; PRO1902; TRSPAP1
UniProt Protein Name	tRNA selenocysteine 1-associated protein 1
UniProt Synonym Protein Names	SECp43; tRNA selenocysteine-associated protein 1
Protein Family	tRNA selenocysteine 1-associated protein
UniProt Gene Name	TRNAU1AP
UniProt Synonym Gene Names	SECP43; TRSPAP1
UniProt Entry Name	TSAP1_HUMAN
NCBI Protein Information	tRNA selenocysteine 1-associated protein 1
UniProt Comments for TRNAU1AP	TRSPAP1: 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. Belongs to the RRM TRSPAP family. 2 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 1p35.3 Cellular Component: nucleus Biological Process: selenocysteine incorporation

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