

Product datasheet for **TA366716S**

valyl tRNA synthetase (VARS) Rabbit Polyclonal Antibody

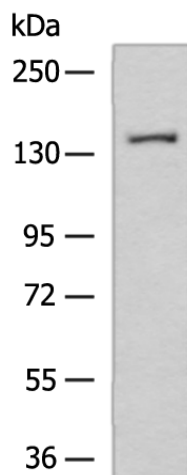
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Ramos cell lysate IHC: 50-100 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human VARS1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	140 kDa
Gene Name:	valyl-tRNA synthetase
Database Link:	Entrez Gene 7407 Human P26640
Background:	Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. The protein encoded by this gene belongs to class-I aminoacyl-tRNA synthetase family and is located in the class III region of the major histocompatibility complex.
Synonyms:	G7A; ValRS; VARS1; VARS2

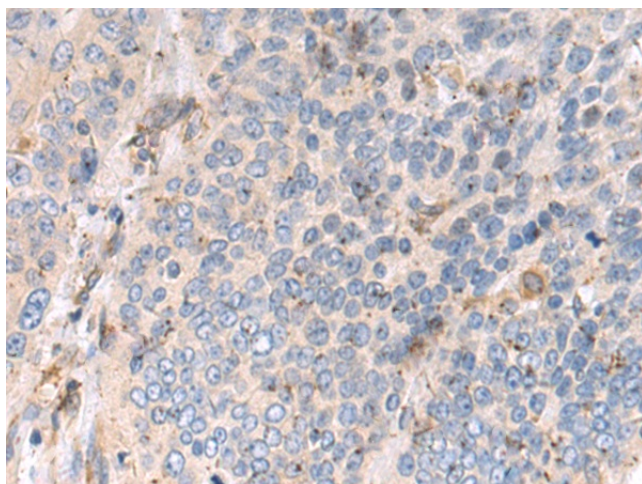


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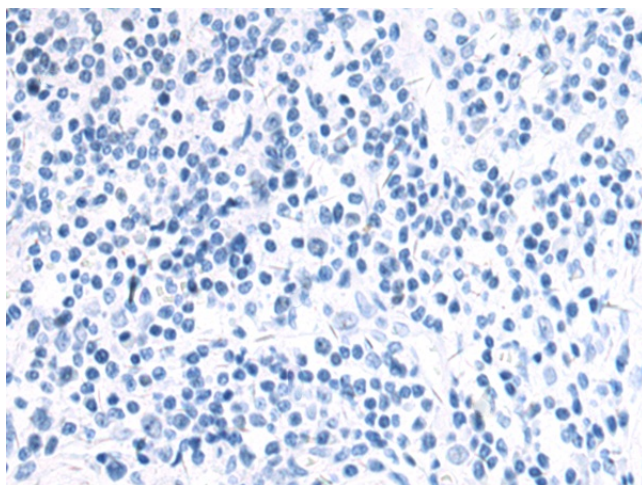
Product images:



Gel: 6%SDS-PAGE
Lysate: 40 μ g
Lane: Ramos cell lysate
Primary antibody: [TA366716] (VARS1 Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 5 seconds



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA366716] (VARS1 Antibody) at dilution 1/50 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA366716] (VARS1 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: \times 200)