

## Product datasheet for **AP14680PU-N**

### valyl tRNA synthetase (VARS) (Center) Rabbit Polyclonal Antibody

#### Product data:

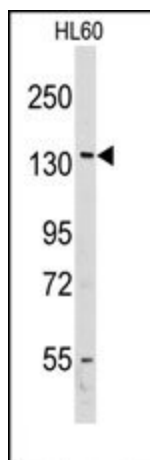
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the Center region of human VARS.
Specificity:	This antibody reacts to VARS.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	valyl-tRNA synthetase
Database Link:	<a href="#">Entrez Gene 7407 Human P26640</a>
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. This protein belongs to class-I aminoacyl-tRNA synthetase family and is located in the class III region of the major histocompatibility complex.



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Synonyms: VARS2, Valine-tRNA ligase, ValRS, G7A

### Product images:



Western blot analysis of anti-VARS Antibody (Center) in HL60 cell line lysates (35ug/lane).VARS (arrow) was detected using the purified Pab (1:60dilution).