

VAR2 Polyclonal Antibody

Catalog No.	A15484	Category	Polyclonal Antibodies
Applications	WB	Observed MW	120kDa
Cross-reactivity	Human	Calculated MW	55kDa/102kDa/118kDa/121kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 864-1063 of human VAR2 (NP_065175.4).
Gene ID	57176
Swiss prot	Q5ST30
Synonyms	VAR2; COXPD20; VALRS; VAR2L; VARSL; valine--tRNA ligase, mitochondrial

Product information

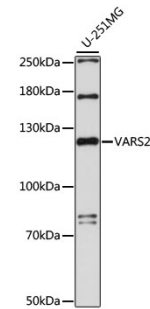
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

This gene encodes a mitochondrial aminoacyl-tRNA synthetase, which catalyzes the attachment of valine to tRNA(Val) for mitochondrial translation. Mutations in this gene cause combined oxidative phosphorylation deficiency-20, and are also associated with early-onset mitochondrial encephalopathies. Alternative splicing of this gene results in multiple transcript variants.

Recommended Dilutions

WB 1:200 -
1:2000



Western blot - VARS2 Polyclonal Antibody (A15484)