

# VARS2 Rabbit Polyclonal Antibody



CAB15484

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

120kDa

### Calculated MW:

55kDa/102kDa/118kDa/121kDa

### Applications:

WB

### Reactivity:

Human

## Protein 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.

## Immunogen information

### Gene ID:

57176

### Uniprot

Q5ST30

### Synonyms:

VARS2; COXPD20; VALRS; VARS2L; VARSL

## Antibody Information

### Recommended dilutions:

WB 1:200 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

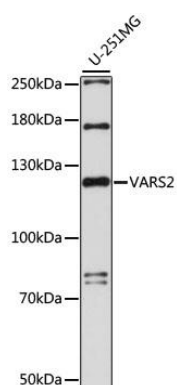
Recombinant fusion protein containing a sequence corresponding to amino acids 864-1063 of human VARS2 (NP\_065175.4).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of U-251MG cells, using VARS2 antibody (CAB15484) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.