

## Anti-FARSLB Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 66 kDa. Actual: 66 kDa.
Purification:	Protein A purified

## Applications

Sample:	Muscle (Mouse) Lysate at 40 µg Eye (Mouse) Lysate at 40 µg
Verified Activity:	Primary: Anti-FARSLB (TMAB-05904) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 66 kD Observed band size: 66 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human FARSLB
Antigen Species:	Human
Gene ID:	10056
Uniprot ID:	Q9NSD9

## Research Background

This gene encodes a highly conserved enzyme that belongs to the aminoacyl-tRNA synthetase class IIc subfamily. This enzyme comprises the regulatory beta subunits that form a tetramer with two catalytic alpha subunits. In the presence of ATP, this tetramer is responsible for attaching L-phenylalanine to the terminal adenosine of the appropriate tRNA. A pseudogene located on chromosome 10 has been identified. [provided by RefSeq, Jul 2008]

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