

**Product Name: Tryptophanyl tRNA synthetase (7L16)  
Rabbit Monoclonal Antibody  
Catalog #: AMRe19347**



## Summary

<b>Production Name</b>	Tryptophanyl tRNA synthetase (7L16) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	WARS1
<b>Alternative Names</b>	Gamma2; hWRS; IFI53; IFP53; TrpRS; WARS; WRS;
<b>Gene ID</b>	7453.0
<b>SwissProt ID</b>	P23381.A synthetic peptide of human Tryptophanyl tRNA synthetase

## Application

<b>Dilution Ratio</b>	WB: 1:2000-1:10000
<b>Molecular Weight</b>	53kDa

## Background

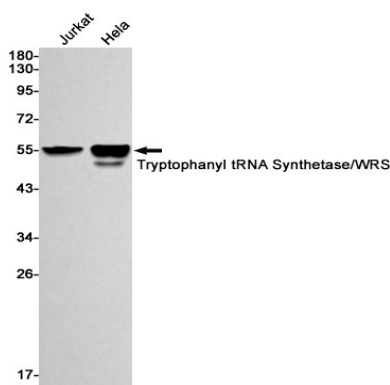
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Isoform 1, isoform 2 and T1-TrpRS have aminoacylation activity while T2-TrpRS lacks it. Isoform 2, T1-TrpRS and T2-TrpRS possess angiostatic activity whereas isoform 1 lacks it. Isoform 1, isoform 2 and T1-TrpRS have aminoacylation activity while T2-TrpRS lacks it. Isoform 2, T1-TrpRS and T2-TrpRS possess angiostatic activity whereas isoform 1 lacks it. T2-TrpRS inhibits fluid shear stress-activated responses of endothelial cells. Regulates ERK, Akt, and eNOS activation pathways that are associated with angiogenesis, cytoskeletal reorganization and shear stress- responsive gene expression.

## Research Area

## Image Data



Western blot detection of Tryptophanyl tRNA Synthetase/WRS in Jurkat, HeLa cell lysates using Tryptophanyl tRNA Synthetase/WRS antibody (1:1000 diluted).

## Note

For research use only.