
Product Name: Tryptophan tRNA Ligase Rabbit Monoclonal Antibody**Catalog #: AMRe85121**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.62mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 53 kDa; Observed MW: 53 kDa

Antigen Information

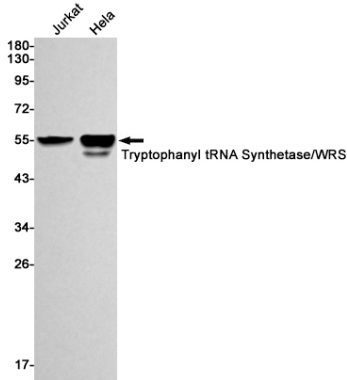
Gene Name	Tryptophan tRNA Ligase
Alternative Names	Gamma2; hWRS; IFI53; IFP53; TrpRS; WARS; WRS
Gene ID	7453.0
SwissProt ID	P23381
Immunogen	A synthetic peptide of human Tryptophanyl tRNA synthetase

Background

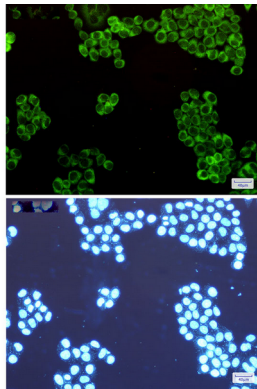
Isoform 1, isoform 2 and T1-TrpRS have aminoacylation activity while T2-TrpRS lacks it. Isoform 2, T1-TrpRS and T2-TrpRS possess angiostatic activity whereas isoform 1 lacks it.

Research Area

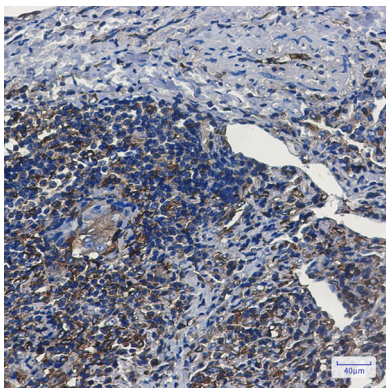
Image Data



Western blot analysis of Tryptophanyl tRNA Synthetase/WRS in Jurkat, HeLa lysates using Tryptophan tRNA Ligase antibody.



Immunocytochemistry analysis of Tryptophanyl tRNA Synthetase/WRS (green) in HeLa using Tryptophanyl tRNA Synthetase/WRS antibody, and DAPI (blue)



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Tryptophanyl tRNA Synthetase/WRS antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.