Product Name: Tryptophan tRNA Ligase Rabbit Monoclonal Antibody
Catalog #: AMRe03241

EnkiLife

Summary

Production Name	Tryptophan tRNA Ligase Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	WARS1
Alternative Names	Gamma2; hWRS; IFI53; IFP53; TrpRS; WARS; WRS
Gene ID	7453
SwissProt ID	P23381

Application

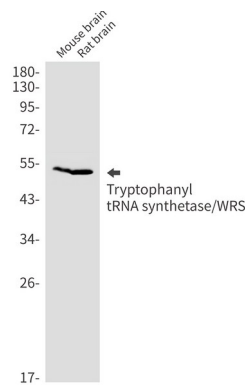|	
Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100
Molecular Weight	Calculated MW: 53 kDa; Observed MW: 53 kDa

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.
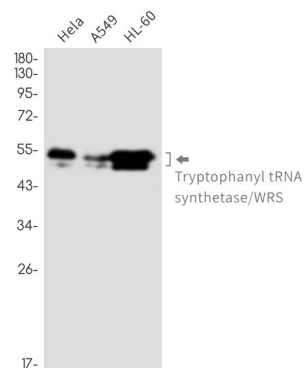
Research Area

Epigenetics and Nuclear Signaling
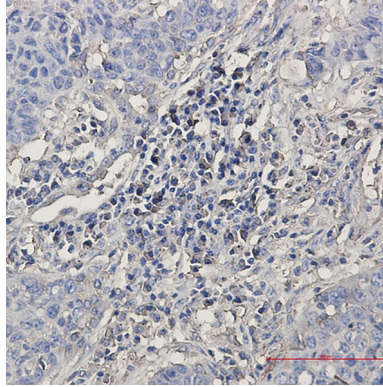
Image Data

Western blot analysis of Tryptophanyl tRNA synthetase/WRS in mouse brain, rat brain lysates using Tryptophan tRNA Ligase antibody.

Western blot analysis of Tryptophanyl tRNA synthetase/WRS in Hela, A549, HL-60 lysates using Tryptophanyl tRNA synthetase/WRS antibody.

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.

Note

For research use only.