

Tryptophanyl tRNA synthetase antibody

Cat. No. GTX113861

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human, Mouse, Rat

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 53 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.24 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Tryptophanyl tRNA synthetase. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

Note

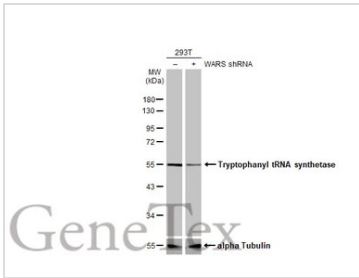
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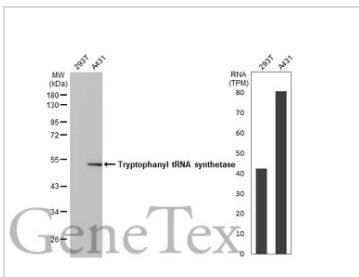
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DATA IMAGES



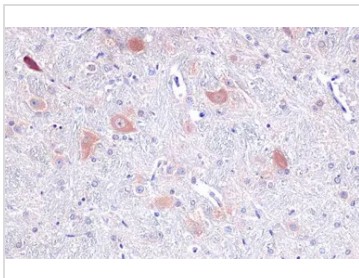
GTX113861 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Tryptophanyl tRNA synthetase antibody (GTX113861) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



GTX113861 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Tryptophanyl tRNA synthetase antibody (GTX113861) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



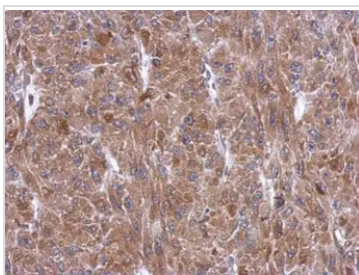
GTX113861 IHC-P Image

Tryptophanyl tRNA synthetase antibody detects Tryptophanyl tRNA synthetase protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded rat brain.

Tryptophanyl tRNA synthetase stained by Tryptophanyl tRNA synthetase antibody (GTX113861) diluted at 1:85.

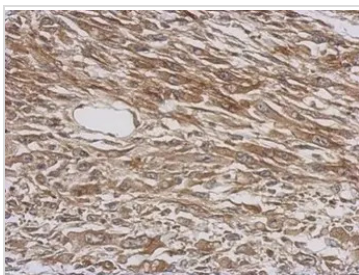
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX113861 IHC-P Image

Immunohistochemical analysis of paraffin-embedded U87 xenograft, using Tryptophanyl tRNA synthetase(GTX113861) antibody at 1:500 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



GTX113861 IHC-P Image

Immunohistochemical analysis of paraffin-embedded C2C12 xenograft, using Tryptophanyl tRNA synthetase(GTX113861) antibody at 1:500 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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