

# Tryptophanyl tRNA synthetase antibody [HL2186]

**Cat. No. GTX638190**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, ICC/IF, IHC-P
<b>Reactivity</b>	Human, Mouse, Rat, Zebrafish

**Package**  
100 µl, 25 µl

## APPLICATION

### Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Observed MW 53 kDa.

## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservative
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant fragment of human Tryptophanyl tRNA synthetase
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

**Note** For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.  
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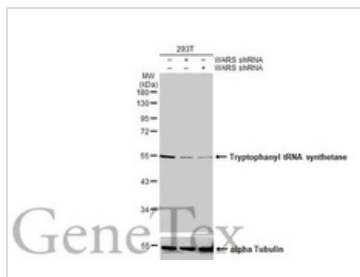
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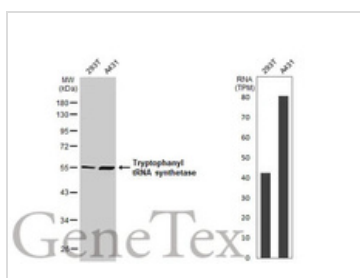
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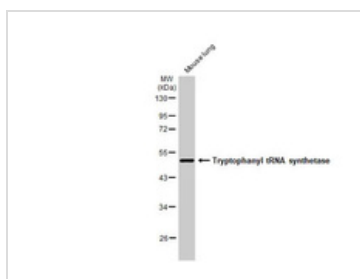
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**DATA IMAGES**

**GTx638190 WB Image**

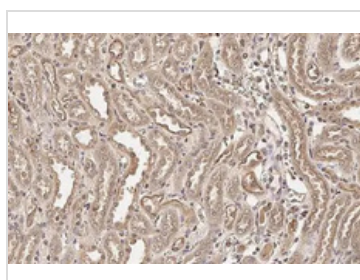
Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Tryptophanyl tRNA synthetase antibody [HL2186] (GTx638190) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


**GTx638190 WB Image**

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Tryptophanyl tRNA synthetase antibody [HL2186] (GTx638190) diluted at 1:1000. 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.


**GTx638190 WB Image**

Mouse tissue extract (50 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with Tryptophanyl tRNA synthetase antibody [HL2186] (GTx638190) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

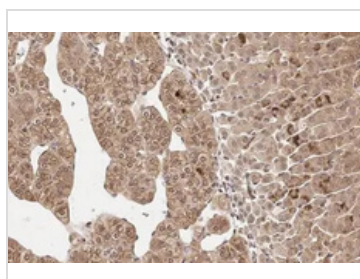

**GTx638190 IHC-P Image**

Tryptophanyl tRNA synthetase antibody [HL2186] detects Tryptophanyl tRNA synthetase protein at cell membrane and secreted by immunohistochemical analysis.

Sample: Paraffin-embedded rat kidney.

Tryptophanyl tRNA synthetase stained by Tryptophanyl tRNA synthetase antibody [HL2186] (GTx638190) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTx638190 IHC-P Image**

Tryptophanyl tRNA synthetase antibody [HL2186] detects Tryptophanyl tRNA synthetase protein at cell membrane and secreted by immunohistochemical analysis.

Sample: Paraffin-embedded mouse adrenal gland.

Tryptophanyl tRNA synthetase stained by Tryptophanyl tRNA synthetase antibody [HL2186] (GTx638190) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

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