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Datasheet for ABIN391839 anti-YARS antibody (C-Term)

2 Images

1 Publication



Overview

| conjugated synthetic peptide between 450-479 amino acids from the C-terminal region of human Tyrosyl tRNA synthetase (YARS).Clone:RB14931Isotype:Ig Fraction | | |
|--|----------------------|--|
| Binding Specificity: AA 450-479, C-Term Reactivity: Human Host: Rabbit Clonality: Polyclonal Conjugate: This YARS antibody is un-conjugated Application: Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) Product Details This Tyrosyl tRNA synthetase (YARS) antibody is generated from rabbits immunized with conjugated synthetic peptide between 450-479 amino acids from the C-terminal region of human Tyrosyl tRNA synthetase (YARS). Clone: RB14931 Isotype: Ig Fraction | Quantity: | 400 µL |
| Reactivity:HumanHost:RabbitClonality:PolyclonalConjugate:This YARS antibody is un-conjugatedApplication:Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))Product DetailsImmunogen:Immunogen:This Tyrosyl tRNA synthetase (YARS) antibody is generated from rabbits immunized with conjugated synthetic peptide between 450-479 amino acids from the C-terminal region on human Tyrosyl tRNA synthetase (YARS).Clone:RB14931Isotype:Ig Fraction | Target: | YARS (Yars) |
| Host:RabbitClonality:PolyclonalConjugate:This YARS antibody is un-conjugatedApplication:Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))Product DetailsImmunogen:Immunogen:This Tyrosyl tRNA synthetase (YARS) antibody is generated from rabbits immunized with conjugated synthetic peptide between 450-479 amino acids from the C-terminal region on human Tyrosyl tRNA synthetase (YARS).Clone:RB14931Isotype:Ig Fraction | Binding Specificity: | AA 450-479, C-Term |
| Clonality:PolyclonalConjugate:This YARS antibody is un-conjugatedApplication:Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))Product DetailsImmunogen:This Tyrosyl tRNA synthetase (YARS) antibody is generated from rabbits immunized with conjugated synthetic peptide between 450-479 amino acids from the C-terminal region of human Tyrosyl tRNA synthetase (YARS).Clone:RB14931Isotype:Ig Fraction | Reactivity: | Human |
| Conjugate:This YARS antibody is un-conjugatedApplication:Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))Product DetailsImmunogen:Immunogen:This Tyrosyl tRNA synthetase (YARS) antibody is generated from rabbits immunized with conjugated synthetic peptide between 450-479 amino acids from the C-terminal region of human Tyrosyl tRNA synthetase (YARS).Clone:RB14931Isotype:Ig Fraction | Host: | Rabbit |
| Application: Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) Product Details Immunogen: This Tyrosyl tRNA synthetase (YARS) antibody is generated from rabbits immunized with conjugated synthetic peptide between 450-479 amino acids from the C-terminal region of human Tyrosyl tRNA synthetase (YARS). Clone: RB14931 Isotype: Ig Fraction | Clonality: | Polyclonal |
| Product Details Immunogen: This Tyrosyl tRNA synthetase (YARS) antibody is generated from rabbits immunized with conjugated synthetic peptide between 450-479 amino acids from the C-terminal region of human Tyrosyl tRNA synthetase (YARS). Clone: RB14931 Isotype: Ig Fraction | Conjugate: | This YARS antibody is un-conjugated |
| Immunogen:This Tyrosyl tRNA synthetase (YARS) antibody is generated from rabbits immunized with conjugated synthetic peptide between 450-479 amino acids from the C-terminal region or human Tyrosyl tRNA synthetase (YARS).Clone:RB14931Isotype:Ig Fraction | Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |
| conjugated synthetic peptide between 450-479 amino acids from the C-terminal region of human Tyrosyl tRNA synthetase (YARS).Clone:RB14931Isotype:Ig Fraction | Product Details | |
| Isotype: Ig Fraction | Immunogen: | This Tyrosyl tRNA synthetase (YARS) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 450-479 amino acids from the C-terminal region of human Tyrosyl tRNA synthetase (YARS). |
| | Clone: | RB14931 |
| Durification. This optihodu is gran and by Octurated Americanium Culfete (CAC) presinitation followed by | lsotype: | Ig Fraction |
| dialysis against PBS. | Purification: | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |

Target Details

| Target: | YARS (Yars) |
|-------------------|--|
| Alternative Name: | Tyrosyl tRNA synthetase (YARS) (Yars Products) |

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Target Details

| Background: | Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. |
|-------------|---|
| | Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, |
| | aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in |
| | evolution. Tyrosyl-tRNA synthetase belongs to the class I tRNA synthetase family. Cytokine |
| | activities have also been observed for the human tyrosyl-tRNA synthetase, after it is split into |
| | two parts, an N-terminal fragment that harbors the catalytic site and a C-terminal fragment |
| | found only in the mammalian enzyme. The N-terminal fragment is an interleukin-8-like cytokine, |
| | whereas the released C-terminal fragment is an EMAP II-like cytokine. |

| Molecular Weight: | 59143 |
|-------------------|-----------|
| Gene ID: | 8565 |
| NCBI Accession: | NP_003671 |
| UniProt: | P54577 |

Application Details

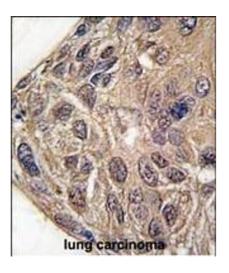
| Application Notes: | WB: 1:1000. IHC-P: 1:10~50 |
|--------------------|----------------------------|
| Restrictions: | For Research Use only |

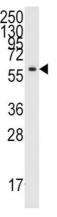
Handling

| Format: | Liquid |
|--------------------|--|
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |
| Publications | |
| Product cited in: | Chen, Hou, Fan, Jin, Wang: "Sonic hedgehog protein regulates fibroblast growth factor 8 |
| | expression in metanephric explant culture from BALB/c mice: Possible mechanisms associated |
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Images





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with YARS antibody (C-term) (ABIN391839 and ABIN2841678), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of anti-YARS Antibody (C-term) (ABIN391839 and ABIN2841678) in CEM cell line lysates ($35 \mu g$ /lane). YARS(arrow) was detected using the purified Pab.

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