



[Go to Product page](#)

Datasheet for ABIN1882153

## anti-YARS2 antibody (C-Term)

2 Images

3 Publications

### Overview

Quantity:	400 µL
Target:	YARS2
Binding Specificity:	AA 399-427, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YARS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	This YARS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 399-427 amino acids from the C-terminal region of human YARS2.
Clone:	RB14936
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

### Target Details

Target:	YARS2
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## Target Details

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Alternative Name:	YARS2 ( <a href="#">YARS2 Products</a> )
Background:	YARS2 catalyzes the attachment of tyrosine to tRNA(Tyr) in a two-step reaction: tyrosine is first activated by ATP to form Tyr-AMP and then transferred to the acceptor end of tRNA(Tyr).
Molecular Weight:	53199
NCBI Accession:	<a href="#">NP_001035526</a>
UniProt:	<a href="#">Q9Y2Z4</a>

## Application Details

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

## Handling

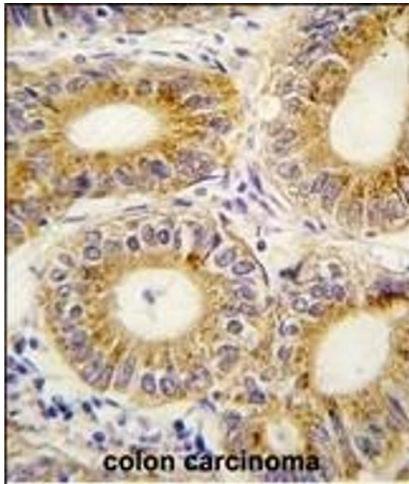
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

## Publications

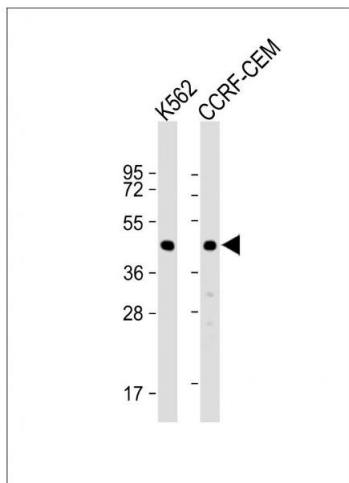
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Product cited in:	<p>Guzel, Yazici, Pek, Doganay, Simsek, Saglam, Turan, Yazici: "Atrial natriuretic peptide and posterior pituitary neurohormone changes in patients with acute schizophrenia." in: <b>Neuropsychiatric disease and treatment</b>, Vol. 14, pp. 1855-1860, (2018) (<a href="#">PubMed</a>).</p> <p>Yuksel, Ital, Balaban, Kocak, Seven, Kucur, Erbakirci, Keskin: "Immediate breastfeeding and skin-to-skin contact during cesarean section decreases maternal oxidative stress, a prospective randomized case-controlled study." in: <b>The journal of maternal-fetal &amp; neonatal medicine</b>, Vol. 29, Issue 16, pp. 2691-6, (2017) (<a href="#">PubMed</a>).</p>
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### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with YARS2 antibody (C-term) (ABIN1882153 and ABIN2841956), 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.** All lanes : Anti-YARS2 Antibody (C-term) at 1:1000 dilution Lane 1: K562 whole cell lysate Lane 2: CCRF-CEM whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 53 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.