

Datasheet for ABIN6244048
anti-YARS2 antibody (N-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	400 µL
Target:	YARS2
Binding Specificity:	AA 43-71, N-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 43-71 amino acids from the N-terminal region of human YARS2.
Clone:	RB14933
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	YARS2
Alternative Name:	YARS2 (YARS2 Products)

Target Details

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:	NP_001035526
UniProt:	Q9Y2Z4

Application Details

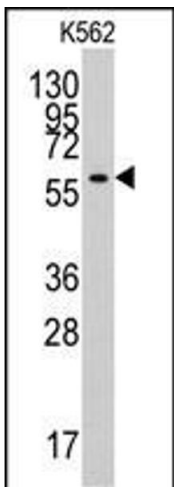
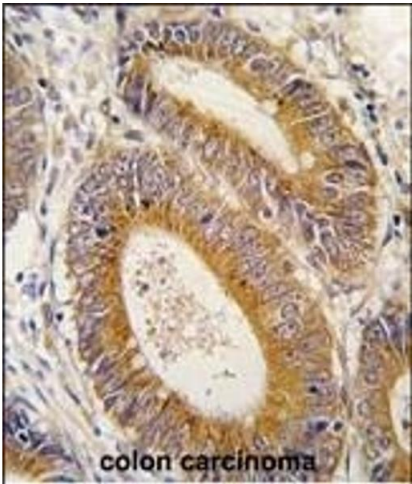
Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

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
Expiry Date:	6 months

Publications

Product cited in:	Igoh, Tomotake, Doi: "Detection of proline-rich proteins for the identification of saliva by enzyme-linked immunosorbent assay." in: Legal medicine (Tokyo, Japan) , Vol. 17, Issue 3, pp. 210-3, (2016) (PubMed).
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with YARS2 antibody (N-term) (ABIN6244048 and ABIN6579016) , 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-YARS2 Antibody (N-term) (ABIN6244048 and ABIN6579016) in K562 cell line lysates (35 µg/lane). YARS(arrow) was detected using the purified Pab.