

Datasheet for ABIN630055 **anti-YARS antibody (C-Term)**



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1 Image

Overview

Quantity:	100 µg
Target:	YARS (Yars)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YARS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	YARS antibody was raised using the C terminal of YARS corresponding to a region with amino acids QVEPLDPPAGSAPGEHVFVKGYEKGQPDEELKPKKKVFEKLQADFKISEE
Specificity:	YARS antibody was raised against the C terminal of YARS
Purification:	Purified

Target Details

Target:	YARS (Yars)
Alternative Name:	YARS (Yars Products)
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

Target Details

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: 58 kDa (MW of target protein)

Application Details

Application Notes: WB: 2.5 µg/mL
Optimal conditions should be determined by the investigator.

Comment: YARS Blocking Peptide, catalog no. 33R-7770, is also available for use as a blocking control in assays to test for specificity of this YARS antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of YARS antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. YARS antibody used at 2.5 ug/ml to detect target protein.