

Datasheet for ABIN2789203
anti-HARS2 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	HARS2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HARS2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	AWASLLSQLL RPPCASCTGA VRCQSQVAEA VLTSQKHAHQ EKPNIKTP
Predicted Reactivity:	Cow: 83%, Dog: 79%, Guinea Pig: 93%, Horse: 79%, Human: 100%, Mouse: 87%, Rabbit: 86%, Rat: 80%
Characteristics:	This is a rabbit polyclonal antibody against HARS2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	HARS2
Alternative Name:	HARS2 (HARS2 Products)
Background:	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate

Target Details

amino acids. The protein encoded by this gene is an enzyme belonging to the class II family of aminoacyl-tRNA synthetases. Functioning in the synthesis of histidyl-transfer RNA, the enzyme plays an accessory role in the regulation of protein biosynthesis. The gene is located in a head-to-head orientation with HARS on chromosome five, where the homologous genes share a bidirectional promoter.

Alias Symbols: HARSL, HARSR, HO3

Protein Interaction Partner: AGTRAP, FUS, GRSF1, UBC, gag, BST2, ICT1,

Protein Size: 506

Molecular Weight: 56 kDa

Gene ID: 23438

NCBI Accession: [NM_012208](#), [NP_036340](#)

UniProt: [P49590](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 506 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-HARS2 Antibody Titration: 1.0 ug/ml Positive Control: PANC1 Whole Cell HARS2 is supported by BioGPS gene expression data to be expressed in PANC1