Datasheet for ABIN5514544

# anti-DARS antibody (C-Term)

Go to Product page

## Overview

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| Quantity: | 100 µL |
| Target: | DARS |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat, Cow, Guinea Pig, Horse, Rabbit, Sheep, Dog, Saccharomyces cerevisiae, Zebrafish (Danio rerio) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DARS antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the C-terminal region of Human DARS |
| Sequence: | LAVRPFYTMP DPRNPKQSNS YDMFMRGEEI LSGAQRIHDP QLLTERALHH |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Yeast: 86%, Zebrafish: 86% |
| Characteristics: | This is a rabbit polyclonal antibody against DARS. It was validated on Western Blot. |
| Purification: | Affinity Purified |

## Target Details

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| Target: | DARS |

## Target Details

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| Alternative Name: | DARS (DARS Products) |
| Background: | Aspartyl-tRNA synthetase (DARS) is part of a multienzyme complex of aminoacyl-tRNA synthetases. Aspartyl-tRNA synthetase charges its cognate tRNA with aspartate during protein biosynthesis.<br><br>Alias Symbols: -<br><br>Protein Interaction Partner: AIMP2, SPRTN, STAU1, UBC, RPL36, EEF1E1, AIMP1, RPLP0, RPL27A, RPL26, RPL23A, RPL21, RPL15, RPL13, MARS, IARS, EIF2S1, QARS, PSMA5, RPL7A, RPL3, FBXO6, EGFR, gag, VCAM1, ITGA4, FN1, TRMT1, LARS, C18orf8, XPNPEP1, VBP1, TLN1, RARS, PFDN5, KARS, HMGCS1, GAR<br><br>Protein Size: 501 |
| Gene ID: | 1615 |
| NCBI Accession: | NM_001349, NP_001340 |
| UniProt: | P14868 |

## Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Liquid |
| 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. |
| 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. |