

[Go to Product page](#)

Datasheet for ABIN880685

anti-AARS2 antibody (AA 451-550) (Alexa Fluor 555)

Overview

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| Quantity: | 100 µL |
| Target: | AARS2 |
| Binding Specificity: | AA 451-550 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AARS2 antibody is conjugated to Alexa Fluor 555 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human AARS2 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Predicted Reactivity: | Dog |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | AARS2 |
| Alternative Name: | Aars2 (AARS2 Products) |

Target Details

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| Background: | <p>Synonyms: alanyl tRNA synthetase 2, AARSL, bA444E17.1, Gm89, MT ALARS, MTALARS , AARS 2, AARS2, Alanine tRNA ligase 2 mitochondrial, Alanine tRNA ligase, Alanyl tRNA synthetase 2 mitochondrial, Alanyl tRNA synthetase like, AlaRS, KIAA1270, MGC69820, Probable alanyl tRNA synthetase mitochondrial, RP11-444E17.1.</p> <p>Background: The protein encoded by this gene belongs to the class-II aminoacyl-tRNA synthetase family. Aminoacyl-tRNA synthetases play critical roles in mRNA translation by charging tRNAs with their cognate amino acids. The encoded protein is a mitochondrial enzyme that specifically aminoacylates alanyl-tRNA. Mutations in this gene are a cause of combined oxidative phosphorylation deficiency 8. [provided by RefSeq, Dec 2011].</p> |
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| Gene ID: | 57505 |
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Application Details

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| Application Notes: | IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
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| Restrictions: | For Research Use only |
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Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |