

Datasheet for ABIN7242824

anti-AARS antibody

1 Image

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Overview

| | |
|--------------|-------------------------------------|
| Quantity: | 200 µL |
| Target: | AARS |
| Reactivity: | Human, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AARS antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC) |

Product Details

| | |
|------------------|---------------------------------|
| Immunogen: | Synthetic peptide of human AARS |
| Isotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Affinity purification |

Target Details

| | |
|-------------------|---|
| Target: | AARS |
| Alternative Name: | AARS (AARS Products) |
| Background: | The human alanyl-tRNA synthetase (AARS) belongs to a family of tRNA synthetases, of the class II enzymes. Class II tRNA synthetases evolved early in evolution and are highly conserved. This is reflected by the fact that 498 of the 968-residue polypeptide human AARS shares 41 % identity with the E.coli protein. tRNA synthetases are the enzymes that interpret the RNA code and attach |

Target Details

specific aminoacids to the tRNAs that contain the cognate trinucleotide anticodons. They consist of a catalytic domain which interacts with the amino acid acceptor-T psi C helix of the tRNA, and a second domain which interacts with the rest of the tRNA structure.

NCBI Accession: [NP_001596](#)

UniProt: [P49588](#)

Application Details

Application Notes: IHC 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.6 mg/mL

Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

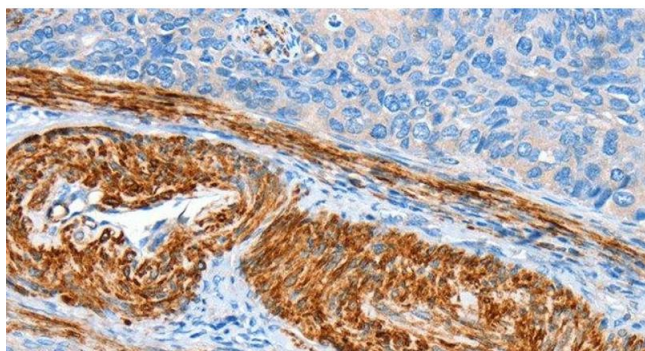
Preservative: Sodium azide

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: Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using AARS Polyclonal Antibody at dilution 1:60