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# Anti-AAAS / Adracalin Antibody (clone 5A1)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17698

## Product Information

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| **Application** | WB, IHC-P, E |
| **Primary Accession** | Q9NRG9 |
| **Predicted** | Human, Mouse, Rat |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG2a,k |
| **Clone Names** | 5A1 |
| **Calculated MW** | 59574 |
| **Concentration (mg/ml)** | 0.42 mg/ml |

## Additional Information

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| **Gene ID** | 8086 |
| **Alias Symbol** | AAAS |
| **Other Names** | AAAS, Aladin, AAASb, ADRACALA, Allgrove, triple-A, AAA, ADRACALIN, GL003 |
| **Target/Specificity** | Human AAAS |
| **Reconstitution & Storage** | Protein A purified |
| **Precautions** | Anti-AAAS / Adracalin Antibody (clone 5A1) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | AAAS |
| **Synonyms** | ADRACALA |
| **Function** | Plays a role in the normal development of the peripheral and central nervous system (PubMed:11062474, PubMed:11159947, PubMed:16022285). Required for the correct localization of aurora kinase AURKA and the microtubule minus end-binding protein NUMA1 as well as a subset of AURKA targets which ensures proper spindle formation and timely chromosome alignment (PubMed:26246606). |
| **Cellular Location** | Nucleus, nuclear pore complex. Cytoplasm, cytoskeleton, spindle pole. Nucleus envelope. Note=In metaphase cells localizes within the spindle with some accumulation around spindle poles, with the highest concentration between the centrosome and metaphase plate (PubMed:26246606). The |

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| | localization to the spindle is microtubule- mediated (PubMed:26246606). |
| **Tissue Location** | Widely expressed (PubMed:11159947, PubMed:16022285). Particularly abundant in cerebellum, corpus callosum, adrenal gland, pituitary gland, gastrointestinal structures and fetal lung (PubMed:11159947). |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.