

Anti-AAAS / Adracalin Antibody (clone 5A1)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17698**Specification**

Anti-AAAS / Adracalin Antibody (clone 5A1) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q9NRG9
Predicted	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Calculated MW	59574
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

Anti-AAAS / Adracalin Antibody (clone 5A1) - Additional Information**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.

Anti-AAAS / Adracalin Antibody (clone 5A1) - Protein Information**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 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).

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

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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