

Anti-AAAS / Adracalin Antibody (clone 5A1)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17698

Product Information

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

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

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).

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