

KD-Validated Anti-AAAS Mouse Monoclonal Antibody

Mouse monoclonal antibody

Catalog # AGI2019

Product Information

Application	WB, FC
Primary Accession	Q9NRG9
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2a
Clone Names	24GB8035
Calculated MW	59574
Gene Name	AAAS
Aliases	AAAS; Aladin WD Repeat Nucleoporin; Adracalin; Aladin; Achalasia, Adrenocortical Insufficiency, Alacrimia; Allgrove, Triple-A; ADRACALA; Achalasia, Adrenocortical Insufficiency, Alacrimia (Allgrove, Triple-A); AAASb; GL003; AAA
Immunogen	Recombinant protein of human AAAS

Additional Information

Gene ID	8086
Other Names	Aladin, Adracalin, AAAS, ADRACALA

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).

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