

# Aladin Polyclonal Antibody

Catalog # AP73225

## Product Information

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Application	WB
Primary Accession	<a href="#">Q9NRG9</a>
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59574

## Additional Information

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Gene ID	8086
Other Names	AAAS; ADRACALA; GL003; Aladin; Adracalin
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

## 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: <a href="#">11062474</a> , PubMed: <a href="#">11159947</a> , PubMed: <a href="#">16022285</a> ). 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: <a href="#">26246606</a> ).
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: <a href="#">26246606</a> ). The localization to the spindle is microtubule- mediated (PubMed: <a href="#">26246606</a> ).
Tissue Location	Widely expressed (PubMed: <a href="#">11159947</a> , PubMed: <a href="#">16022285</a> ). Particularly abundant in cerebellum, corpus callosum, adrenal gland, pituitary gland, gastrointestinal structures and fetal lung (PubMed: <a href="#">11159947</a> ).

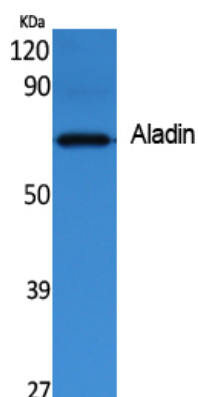
## Background

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Plays a role in the normal development of the peripheral and central nervous system.

## Images

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Western Blot analysis of extracts from rat kidney, using Aladin Polyclonal Antibody.. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).

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