Aladin Rabbit pAb

CatalogNo: YT5042

Key Features

Host Species
- Rabbit

Reactivity
- Human,Rat

Applications
- WB,ELISA

MW
- 59kD (Observed)

Isotype
- IgG

Recommended Dilution Ratios

WB 1:500-1:2000
ELISA 1:40000
Not yet tested in other applications.

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from Aladin . at AA range: 360-440
Specificity	Aladin Polyclonal Antibody detects endogenous levels of Aladin protein.

Target Information

Gene name AAAS

Protein Name Aladin

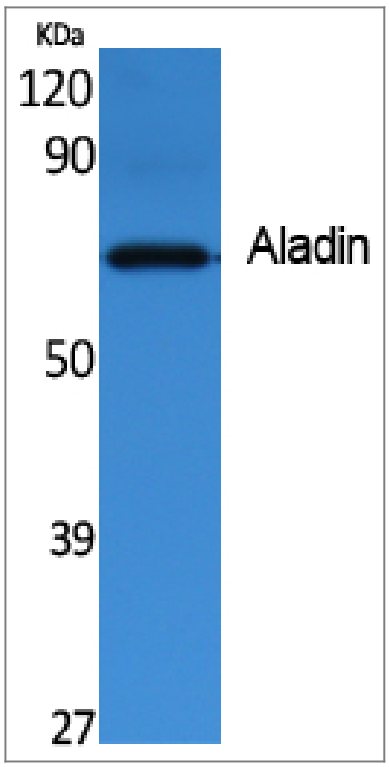
Organism	Gene ID	UniProt ID
Human	8086;	Q9NRG9;
Mouse		P58742;

Cellular Localization Nucleus, nuclear pore complex . Cytoplasm, cytoskeleton, spindle pole . Nucleus envelope . 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 specificity Widely expressed (PubMed:11159947, PubMed:16022285). Particularly abundant in cerebellum, corpus callosum, adrenal gland, pituitary gland, gastrointestinal structures and fetal lung (PubMed:11159947).

Function Disease:Defects in AAAS are the cause of achalasia-addisonianism-alacrima syndrome (AAAS) [MIM:231550]; also known as triple-A syndrome or Allgrove syndrome. AAAS is an autosomal recessive disorder characterized by adreno-corticotropic hormone (ACTH)-resistant adrenal failure, achalasia of the esophageal cardia and alacrima. The syndrome is associated with variable and progressive neurological impairment involving the central, peripheral, and autonomic nervous system. Other features such as palmoplantar hyperkeratosis, short stature, facial dysmorphy and osteoporosis may also be present.,Function:Plays a role in the normal development of the peripheral and central nervous system.,similarity:Contains 4 WD repeats.,tissue specificity:Widely expressed. Particularly abundant expression is found in cerebellum, corpus callosum, adrenal gland, pituary gland, gatsrointestinal structures and fetal lung.,

Validation Data



Western Blot analysis of extracts from rat kidney, using Aladin Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

Contact information

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Please scan the QR code to access additional product information:
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