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AAAS Blocking Peptide (C-Term)

Synthetic peptide
Catalog # BP21984b

Specification

AAAS Blocking Peptide (C-Term) - Product Information

Primary Accession Q9NRG9

AAAS Blocking Peptide (C-Term) - Additional Information

Gene ID 8086

Other Names
Aladin, Adracalin, AAAS, ADRACALA

Target/Specificity
The synthetic peptide sequence is selected from aa 415-425 of HUMAN AAAS

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

AAAS Blocking Peptide (C-Term) - 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).

AAAS Blocking Peptide (C-Term) - Protocols

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

- Blocking Peptides

AAAS Blocking Peptide (C-Term) - Images

AAAS Blocking Peptide (C-Term) - Background

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

AAAS Blocking Peptide (C-Term) - References

Tullio-Pelet A.,et al.Nat. Genet. 26:332-335(2000).
Handschug K.,et al.Hum. Mol. Genet. 10:283-290(2001).
Li X.,et al.Mol. Biol. Rep. 32:127-131(2005).
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Ota T.,et al.Nat. Genet. 36:40-45(2004).