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Anti-Adracalin Antibody

Catalog # AP59736

Product Information

Application	WB
Primary Accession	Q9NRG9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59574

Additional Information

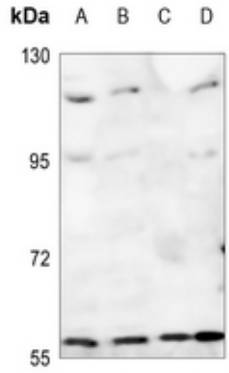
Gene ID	8086
Other Names	ADRACALA; Aladin; Adracalin
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Adracalin. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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).

Images



Western blot analysis of Adracalin expression in Hela (A), A375 (B), mouse testis (C), rat testis (D) whole cell lysates. (Predicted band size: 59 kD; Observed band size: 59 kD)

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