

For Research Use Only

Anillin Polyclonal antibody

Catalog Number: 13136-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number: 13136-1-AP	GenBank Accession Number: BC034692	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54443	
Source: Rabbit	Full Name: anillin, actin binding protein	
Isotype: IgG	Calculated MW: 1124 aa, 124 kDa	
Immunogen Catalog Number: AG3793		

Applications

Tested Applications:
ELISA

Cited Applications:
IHC, WB

Species Specificity:
human, mouse, rat

Cited Species:
human

Background Information

Anillin, an actin-binding protein, is a conserved cleavage furrow component important for cytokinesis. The human anillin protein localizes to the nucleus during interphase, the cortex following nuclear envelope breakdown, and the cleavage furrow during cytokinesis. It interacts with at least two other furrow proteins, actin and the septins through its C-terminal PH domain and N-terminal actin-binding domain. In anillin knockdown cells, the cleavage furrow ingressed but failed to complete the ingression. Anillin has been found to be overexpressed in tumors and may serve as promising marker for pancreatic carcinoma molecular diagnostics as well as a prognostic indicator for non-small cell lung cancers.

Notable Publications

Author	Pubmed ID	Journal	Application
Weibing Zhou	25223638	Mol Cell Biochem	WB, IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data