

For Research Use Only

Anillin Polyclonal antibody

Catalog Number: 13136-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

13136-1-AP

Size:

130 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3793

GenBank Accession Number:

BC034692

GeneID (NCBI):

54443

UNIPROT ID:

Q9NQW6

Full Name:

anillin, actin binding protein

Calculated MW:

1124 aa, 124 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IHC

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

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

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