

For Research Use Only

ARPC1B Polyclonal antibody

Catalog Number: 10645-1-AP

2 Publications



Basic Information

Catalog Number:

10645-1-AP

Size:

150ul, Concentration: 133 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0995

GenBank Accession Number:

BC007555

GeneID (NCBI):

10095

UNIPROT ID:

O15143

Full Name:

actin related protein 2/3 complex, subunit 1B, 41kDa

Calculated MW:

41 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse, rat

Cited Species:

human

Background Information

ARPC1B also known as ARC41, p41-ARC, or p40-ARC, is one of seven subunits of the human Arp2/3 protein complex, that belongs to the SOP2 family. ARPC1B localizes on centrosomes and has a distinct role in centrosomal homeostasis. ARPC1B is both a physiological activator and substrate of Aurora A kinase, and these interactions help to maintain mitotic integrity in mammalian cells. In recent research, ARPC1B is selected as a candidate prediction marker for sensitivity of Choroidal malignant melanomas to radiotherapy.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|----------------------|-----------|---------------------------|-------------|
| Lukman Bin Md Auzair | 26138391 | Eur Arch Otorhinolaryngol | IHC |
| van Dekken Herman H | 19167610 | Cancer Genet Cytogenet | 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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