

PACO37454

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IHC:1:20-1:200

Protein Background:

Regulates actin polymerization by inhibiting the actin-nucleating activity of the Arp2/3 complex; the function is competitive with nucleation promoting factors. Participates in an incoherent feedforward loop at the lamellipodium tip where it inhibits the ARP2/2 complex in response to Rac signaling and where Rac also stimulates actin polymerization through the WAVE complex. Involved in steering cell migration by controlling its directional persistence.

Gene ID:

ARPIN

Uniprot

Q7Z6K5

Synonyms:

Arpin (Arp2/3 inhibition protein), ARPIN, C15orf38

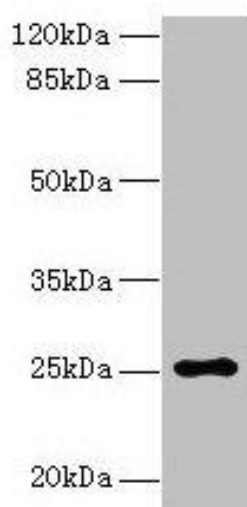
Immunogen:

Recombinant Human Arpin protein (1-226AA).

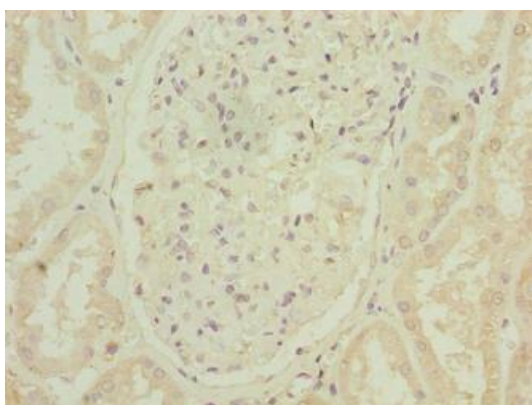
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

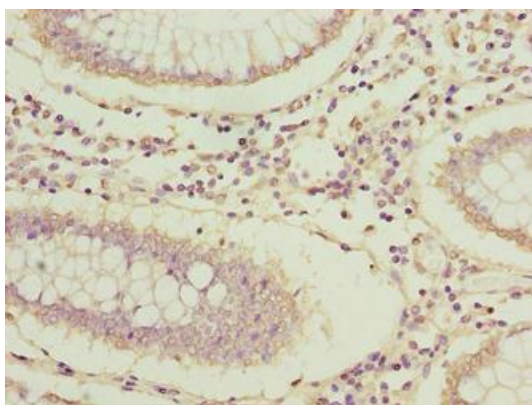
Product Images



Western blot. All lanes: ARPIN antibody at 0.5 μ g/ml + HepG2 whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 25, 44 kDa. Observed band size: 25 kDa.



Immunohistochemistry of paraffin-embedded human kidney tissue using PACO37454 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human colon cancer using PACO37454 at dilution of 1:100.