

2610034B18Rik antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13861**Specification**

2610034B18Rik antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9D0A3
Other Accession	NM_027420 , NP_081696
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25kDa KDa

2610034B18Rik antibody - N-terminal region - Additional Information**Gene ID** 70420**Other Names**

Arpin, Arp2/3 inhibition protein, Arpin

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-2610034B18Rik antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

2610034B18Rik antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

2610034B18Rik antibody - N-terminal region - Protein Information**Name** Arpin**Function**

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 (By similarity).

Cellular Location

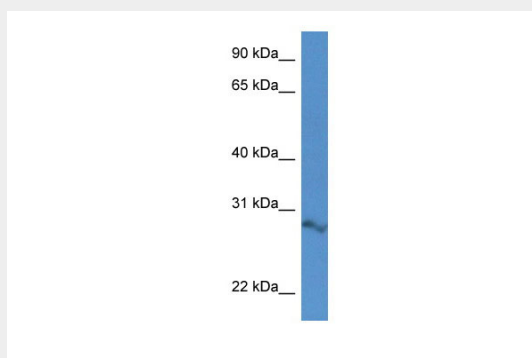
Cell projection, lamellipodium. Note=Colocalized with the WAVE complex at lamellipodium tip

2610034B18Rik antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

2610034B18Rik antibody - N-terminal region - Images



WB Suggested Anti-2610034B18Rik Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Spleen

2610034B18Rik antibody - N-terminal region - References

Carninci P., et al. Science 309:1559-1563(2005).
Dang I., et al. Nature 503:281-284(2013).