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2610034B18Rik antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI13861

Product Information

Application	WB
Primary Accession	Q9D0A3
Other Accession	NM_027420, NP_081696
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25193

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.

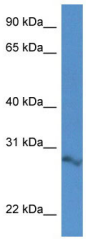
Protein Information

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

References

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

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.