

LIMCH1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14849

Product Information

Application	WB
Primary Accession	Q9UPQ0
Other Accession	NM_014988 , NP_055803
Reactivity	Human, Mouse, Rat, Rabbit, Dog
Predicted	Human, Mouse, Rat, Rabbit, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	121867

Additional Information

Gene ID	22998
Alias Symbol	DKFZp434I0312, DKFZp686A01247, DKFZp686B2470, DKFZp686G18243, DKFZp686G2094, DKFZp781C1754, DKFZp781I1455, LIMCH1A, LMO7B, MGC72127
Other Names	LIM and calponin homology domains-containing protein 1, LIMCH1, KIAA1102
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-LIMCH1 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	LIMCH1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

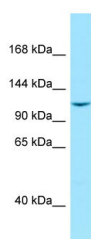
Protein Information

Name	LIMCH1 (HGNC:29191)
Function	Actin stress fibers-associated protein that activates non- muscle myosin IIa. Activates the non-muscle myosin IIa complex by promoting the phosphorylation of its regulatory subunit MRLC/MYL9. Through the activation of non-muscle myosin IIa, positively regulates actin stress fibers assembly and stabilizes focal adhesions. It therefore negatively regulates cell spreading and cell migration.
Cellular Location	Cytoplasm, cytoskeleton, stress fiber

References

Kikuno R.,et al.DNA Res. 6:197-205(1999).
Nakajima D.,et al.DNA Res. 9:99-106(2002).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Hillier L.W.,et al.Nature 434:724-731(2005).
Olsen J.V.,et al.Cell 127:635-648(2006).

Images



Host: Rabbit
Target Name: LIMCH1
Antibody Dilution: 1.0µg/ml
Sample Tissue: THP-1 cell lysate

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