Rabbit anti-Human LIMCH1 Polyclonal Antibody | anti-LIMCH1 antibody

Anti-LIMCH1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256558	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot**

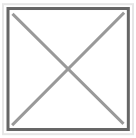
PRODUCT SYNONYMS

LIMCH1; Polyclonal Antibody; Anti-LIMCH1 Antibody; Rabbit Polyclonal; LIMCH1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-LIMCH1A Antibody; Anti-LMO7B Antibody; anti-LIMCH1 antibody

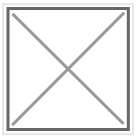
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human LIMCH1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-LIMCH1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human LIMCH1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human LIMCH1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunochemical staining of human LIMCH1 in human kidney with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)
Anti-LIMCH1 rabbit polyclonal antibody at 1:500 dilutionLane A: H1299 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:119 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-LIMCH1 antibody	LIM and calponin-homology domains 1 (LIMCH1) was identified from a border cell migration screen based on conditional ectopic expression in Drosophila. LIMCH1 protein is recruited into contractile stress fibers through its interaction with NM-IIA. Loss of LIMCH1 expression reduces MRLC phosphorylation and assembly. Furthermore, LIMCH1 depletion affects the formation of actin stress fibers as well as the stability of focal adhesions, leading to an increase in cell spreading and migration. LIMCH1 plays a positive role in the spatiotemporal regulation of NM-II activity to modulate cell membrane protrusion and focal adhesion dynamics during cell migration.
References	Zhang Y, et al. (2019) Limch1 suppress the growth of lung cancer by interacting with huwe1 to sustain p53 stability. Gene 712 143963.Lin YH, et al. (2017) Limch1 regulates nonmuscle myosin-ii activity and suppresses cell migration. Mol Biol Cell 28 (8): 1054-1065.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/limch1-antibody-immunohistochemistry-western-blot-elisa/256558