

Rabbit anti-Human LIMK1 Polyclonal Antibody | anti-LIMK1 antibody

Anti-LIMK1 Antibody, Rabbit Polyclonal

CATALOG # AAA256587	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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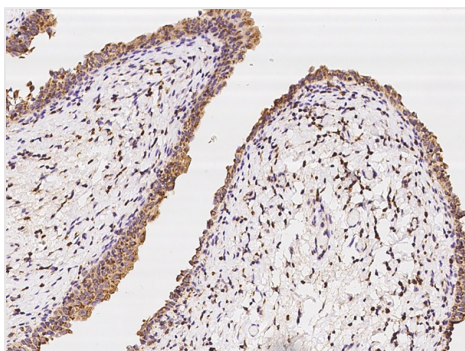
PRODUCT SYNONYMS

LIMK1; Polyclonal Antibody; Anti-LIMK1 Antibody; Rabbit Polyclonal; LIMK1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-LIMK Antibody; Anti-LIMK-1 Antibody; anti-LIMK1 antibody

PRODUCT SPECIFICATIONS

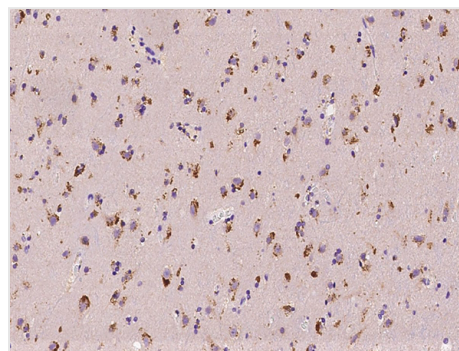
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human LIMK1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-LIMK1 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human LIMK1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human LIMK1 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 (Immunohistochemistry)

Immunochemical staining of human LIMK1 in human urinary bladder with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human LIMK1 in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-LIMK1 antibody	LIM kinase 1 (LIMK1) is a serine/threonine protein kinase that mediates actin polymerization via phosphorylation and inactivation of cofilin. Cofilin is an actin-depolymerizing protein that is inactivated by its phosphorylation at serine3. LIMK1 is a key component of a signal transduction network that connects extracellular stimuli to changes in cytoskeletal structure. Control of cell morphology and mobility via LIMK1 activity may provide novel approaches to cancer therapy. Abnormal expression of LIMK1 is associated with several human cancers, including prostate cancer, colon cancer and breast cancer.
References	Salah E, et al. (2019) Lessons from limk1 enzymology and their impact on inhibitor design. Biochem J 476 (21): 3197-3209.Liang YC, et al. (2019) Limk1 depletion enhances fasudil-dependent inhibition of urethral fibroblast proliferation and migration. J Cell Biochem 120 (8): 12977-12988.Henderson BW, et al. (2019) Pharmacologic inhibition of limk1 provides dendritic spine resilience against beta-amyloid. Sci Signal 12 (587): eaaw9318.

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/limk1-antibody-immunohistochemistry-elisa/256587>