

LIMCH1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP57015

Specification

LIMCH1 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF, ICC

Primary Accession <u>Q9UPQ0</u>

Reactivity Rat, Pig, Dog, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 122 KDa
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived

from human LIMCH1

Epitope Specificity 201-300/1083

Isotype IgG

Purity affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SIMILARITY Belongs to the LIMCH1 family. Contains 1

CH (calponin-homology) domain. Contains

1 LIM zinc-binding domain.

Important Note This product as supplied is intended for

research use only, not for use in human, therapeutic or diagnostic applications.

LIMCH1 Polyclonal Antibody - Additional Information

Gene ID 22998

Other Names

LIM and calponin homology domains-containing protein 1, LIMCH1 (HGNC:29191)

Dilution

IHC-P~~N/A<br \><span class</pre>

="dilution_IHC-F">IHC-F~~N/A<br \><span class

="dilution_IF">IF \sim 1:50 \sim 200<br\>ICC \sim N/A

Storage

Store at -20 $^{\circ}$ C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 $^{\circ}$ C.

LIMCH1 Polyclonal Antibody - 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

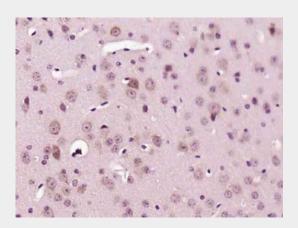
Cytoplasm, cytoskeleton, stress fiber

LIMCH1 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LIMCH1 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (LIMCH1) Polyclonal Antibody, Unconjugated (bs-18273R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.