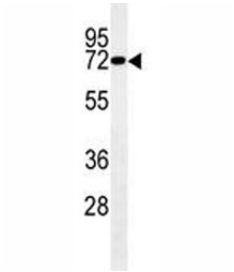
LIMK1 Antibody [clone 175CT3.2.5] (F40237)

Catalog No.	Formulation	Size
F40237-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40237-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, k
Clone Name	175CT3.2.5
Purity	Purified
UniProt	P53667
Applications	Western blot: 1:100-1:1000
Limitations	This LIMK1 antibody is available for research use only.



LIMK1 antibody western blot analysis in mouse brain tissue lysate. Expected molecular weight ~72 kDa.

Description

Protein kinase which regulates actin filament dynamics. Phosphorylates and inactivates the actin binding/depolymerizing factor cofilin, thereby stabilizing the actin cytoskeleton. Stimulates axonal outgrowth and may be involved in brain development. Isoform 3 has a dominant negative effect on actin cytoskeletal changes.

Application Notes

Titration of the LIMK1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 479-508 from the human protein was used as the immunogen for this LIMK1 antibody.

Storage

Aliquot the LIMK1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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