10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Mouse Mlk4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14157c

Product Information

Application	WB, IHC-P, E
Primary Accession	Q8VDG6
Other Accession	NP_663583.2
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34841
Calculated MW	110112
Antigen Region	566-593

Additional Information

Gene ID	234878
Other Names	Mitogen-activated protein kinase kinase kinase MLK4, Mixed lineage kinase 4, Mlk4, Kiaa1804
Target/Specificity	This Mouse Mlk4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 566-593 amino acids from the Central region of mouse Mlk4.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Mouse Mlk4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Map3k21
Synonyms	Kiaa1804, Mlk4

Function	Negative regulator of TLR4 signaling. Does not activate JNK1/MAPK8 pathway, p38/MAPK14, nor ERK2/MAPK1 pathways (By similarity).

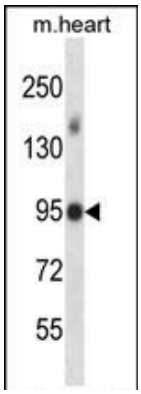
Background

Mlk4 activates the JUN N-terminal pathway (By similarity).

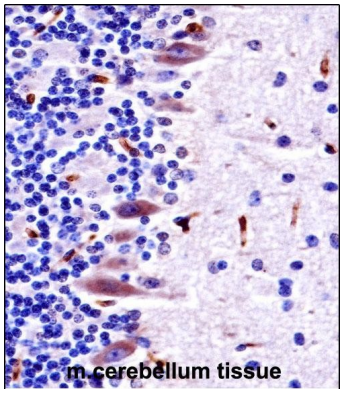
References

Katayama, S., et al. Science 309(5740):1564-1566(2005)

Images



Mouse Mlk4 Antibody (Center) (Cat. #AP14157c) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the Mlk4 antibody detected the Mlk4 protein (arrow).



Mouse Mlk4 Antibody (Center) (AP14157c)immunohistochemistry analysis in formalin fixed and paraffin embedded mouse cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Mouse Mlk4 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

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