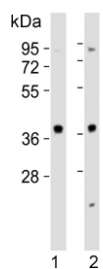


MAPK12 Antibody / p38 gamma (F54912)

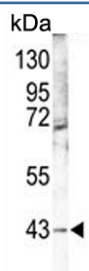
Catalog No.	Formulation	Size
F54912-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54912-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

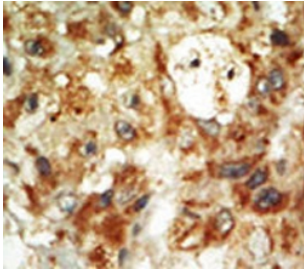
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P53778
Localization	Cytoplasmic, nuclear
Applications	Western Blot : 1:500-1:1000 Immunohistochemistry (FFPE) : 1:50-1:100
Limitations	This MAPK12 antibody is available for research use only.



Western blot testing of human 1) HeLa and 2) Jurkat cell lysate with MAPK12 antibody. Expected molecular weight: 38-42 kDa.



Western blot testing of mouse lung tissue lysate with MAPK12 antibody. Expected molecular weight: 38-42 kDa.



IHC testing of FFPE human cancer tissue with MAPK12 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

Activation of members of the mitogen-activated protein kinase family is a major mechanism for transduction of extracellular signals. Stress-activated protein kinases are one subclass of MAP kinases. MAPK12 functions as a signal transducer during differentiation of myoblasts to myotubes.

Application Notes

The stated application concentrations are suggested starting points. Titration of the MAPK12 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 339-367 from the human protein was used as the immunogen for the MAPK12 antibody.

Storage

Aliquot the MAPK12 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.