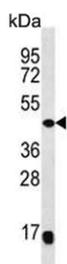


## MEK4 Antibody / MKK4 / MAP2K4 (F54701)

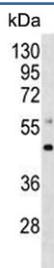
Catalog No.	Formulation	Size
F54701-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54701-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Zebrafish
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	P47809
<b>Localization</b>	Cytoplasmic, nuclear
<b>Applications</b>	Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
<b>Limitations</b>	This MEK4 antibody is available for research use only.



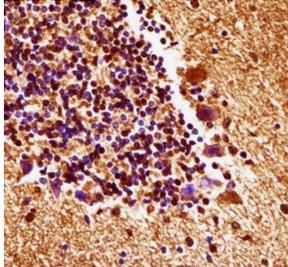
Western blot testing of human Y79 cell lysate with MEK4 antibody. Predicted molecular weight ~44 kDa.



Western blot testing of zebrafish brain lysate with MEK4 antibody. Predicted molecular weight ~44 kDa.

kDa  
95  
72  
55  
36  
28

Western blot testing of mouse NIH 3T3 cell lysate with MEK4 antibody. Predicted molecular weight ~44 kDa.



IHC testing of FFPE mouse cerebellum tissue with MEK4 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

## Description

Dual specificity kinase that activates the JUN kinases MAPK8 (JNK1) and MAPK9 (JNK2) as well as MAPK14 (p38) but not MAPK1 (ERK2) or MAPK3 (ERK1).

## Application Notes

The stated application concentrations are suggested starting points. Titration of the MEK4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 259-287 from the mouse protein was used as the immunogen for the MEK4 antibody.

## Storage

Aliquot the MEK4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.