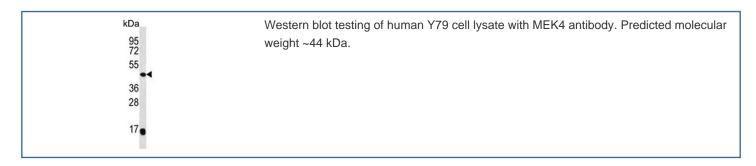


MEK4 Antibody / MKK4 / MAP2K4 (F54701)

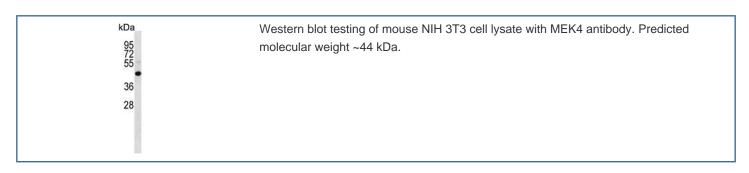
Catalog No.	Formulation	Size
F54701-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54701-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

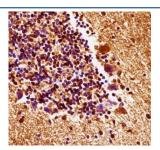
Bulk quote request

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



kDa 130 95 72 55	Western blot testing of zebrafish brain lysate with MEK4 antibody. Predicted molecular weight ~44 kDa.
36	
28	





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.