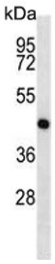
MEK1 Antibody / MAP2K1 (F54685)

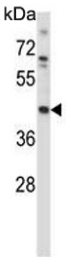
Catalog No.	Formulation	Size
F54685-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54685-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

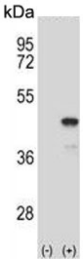
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P31938
Localization	Cytoplasmic, nuclear
Applications	Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations	This MEK1 antibody is available for research use only.



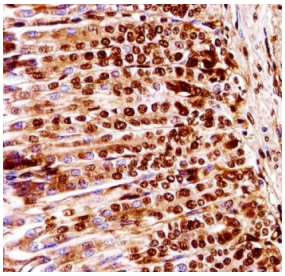
Western blot testing of mouse cerebellum tissue lysate with MEK1 antibody. Predicted molecular weight ~43 kDa.



Western blot testing of human MDA-MB-435 cell lysate with MEK1 antibody. Predicted molecular weight ~43 kDa.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with MEK1 antibody. Predicted molecular weight ~43 kDa.



IHC testing of FFPE mouse stomach tissue with MEK1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

Map2k1 / Mek1 catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates ERK1 and ERK2 MAP kinases.

Application Notes

The stated application concentrations are suggested starting points. Titration of the MEK1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 269-296 from the mouse protein was used as the immunogen for the MEK1 antibody.

Storage

Aliquot the MEK1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.