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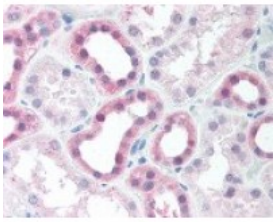
MAP2K4 (phospho Ser80) Antibody

CATALOG NUMBER: 48-878



Immunohistochemistry staining of MAP2K4 in kidney tissue using MAP2K4 Antibody.

Specifications

SPECIES REACTIVITY:	Human, Mouse, Rat
TESTED APPLICATIONS:	IHC, WB
APPLICATIONS:	MAP2K4 antibody can be used in ELISA, and immunohistochemistry starting at 5 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	pSer80
IMMUNOGEN:	MAP2K4 antibody was raised against a phosphopeptide from MAP2K4 (Human).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Immunoaffinity Chromatography
PHYSICAL STATE:	Liquid
BUFFER:	PBS, 0.02% sodium azide, 50% glycerol.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	MAP2K4 antibody should be stored long term (months) at -80 ˚C and short term (days) at -20 ˚C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Polyclonal
ISOTYPE:	IgG
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	MAP2K4, JNK activating kinase 1, JNK-activated kinase 1, JNK-activating kinase 1, MAPK/ERK kinase 4, MAPKK4, JNKK1, PRKMK4, SAPKK1, SEK1, MEK4, MKK4, SAPK/ERK kinase 1, SERK1, JNKK, MAP kinase kinase 4, MAPKK 4, MEK 4, SAPK kinase 1, SAPKK-1, SKK1
ACCESSION NO.:	P45985
PROTEIN GI NO.:	1170596
OFFICIAL SYMBOL:	MAP2K4

GENE ID:	6416

Background

BACKGROUND:	MKK4, a MAP2K type protein kinase, is a member of the stress-activated protein kinase (SAPK) pathways which convey pro-apoptotic signals. MKK4 is activated by MEKK1 or MEKK2, and to a lesser extent by GCK or ASK1. MKK4 phosphorylates and activates JNK1, JNK2 and p38. MKK4 deficiency in mouse embryos led to lethality after embryonic day 12.5 and was associated with abnormal liver development. Additional studies have linked MKK4 to tumor suppression.

FOR RESEARCH USE ONLY

December 13, 2016