

Product datasheet for **TA354833**

MAP2K1 Rabbit Polyclonal Antibody

Product data:

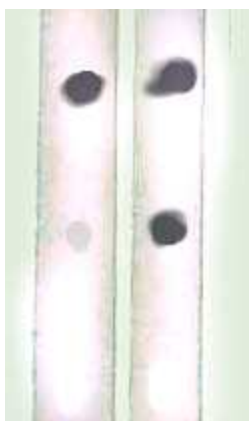
Product Type:	Primary Antibodies
Applications:	Dot, WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide surrounding the epitope –SMANS- with double phosphorylation sites Ser218 and Ser222. This sequence is identical among human, rat, mouse, chicken.
Formulation:	This affinity purified antibody is supplied in sterile Tris-buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by site-modified Epitope Affinity Purification.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	44 kDa
Background:	The MEK1 & 2 (MAPKK1/2) are members of tyrosine/threonine protein kinase family that activate the ERK1+2/MAPK enzymes by phosphorylation. MEK 1 + 2 are also activated by dual-phosphorylation, which occurs on serine 218 and 222, in the activation loop of the MEKs. The MEK1 & 2 are regulated by phosphorylation by one of the MEK kinases.



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Product images:

WB: The whole cell lysates derived from Starved 3T3 were immunoblotted by Rabbit antiMEK1/2 (pSer218/222) at 1:1000 (lane 1). The lane 2 was a negative control.



DB: 1 ug peptide was blot onto NC membrane
A:MEK1/2 (pS218/222) B: MEK1/2 (Nonphospho);
C: Non-related phosphospecific PP were blotted
at a 1:1000 dilution by: 1: Rabbit anti-MEK1/2
(pS218/222); 2: Rabbit anti-MEK1/2 (paired
218/222)