MEK4 Rabbit Polyclonal Antibody(F194)

Catalog	TDY775C	TDY775F	Tel：010-82908854
			Web：www.tdybio.com
Quantity	50μL	100μL	Entrez-Gene ID:4792, Swiss-Prot Acc.P25963

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB	**H, R, M**	**44KD**	**IgG**

Storage Buffer & Condition: Antigen Affinity Purified IgG in PBS, pH 7.4, containing 0.02% ***sodium azide*** as Preservative and 50% Glycerol.

Store at ***-20°C***. ***Do not aliquot the antibody***.

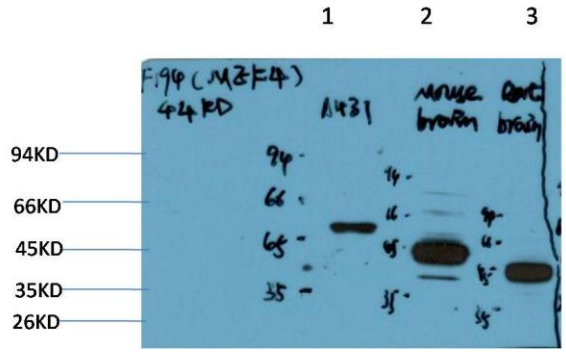
Recommended dilutions: **WB: 1:1000-2,000**

Optimal dilutions should be determined by the end user.

Specificity: The Antibody can detects endogenous MEK4 proteins.

Alternative Names: SEK1,MKK4,C-JUN N-terminal kinase kinase 1 antibody, JNK Activated Kinase 1 antibody,JNKK1

Background: SAPK/Erk kinase (SEK1), also known as MEK4 or MKK4 or Jun kinase kinase (JNKK), activates the MAP kinase homologues SAPK and JNK in response to various cellular stresses and inflammatory cytokines . Activation of SEK1 occurs through MEKK phosphorylation of serine and threonine residues at positions 257 and 261, respectively. Like MEK, SEK is a dual-specificity protein kinase that phosphorylates SAPK/JNK at a conserved T*PY* site in its activation loop . Phosphorylation by Akt at Ser80 inhibits SEK1 and suppresses stress-activated signal transduction .



Western blot analysis of 1) A431 Cell Lysate, 2) Mouse Brain Tissue Lysate , 3) Rat Brain Tissue Lysate using MEK4（TDY775）Rabbit pAb diluted at 1:2000.