

ERK5 Rabbit Polyclonal Antibody(F139)

Catalog TDY344C TDY344F

Tel: 010-82908854

Quantity 50 μ L 100 μ L

Web: www.tdybio.com

Entrez-Gene ID:5598 , Swiss-Prot Acc.Q13164

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H, R, M	89-115KD	IgG

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

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

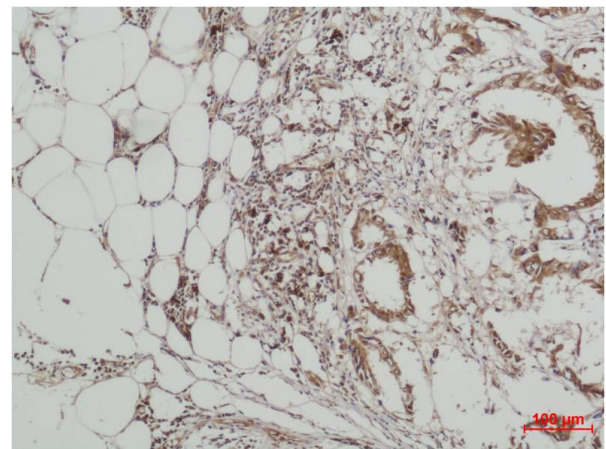
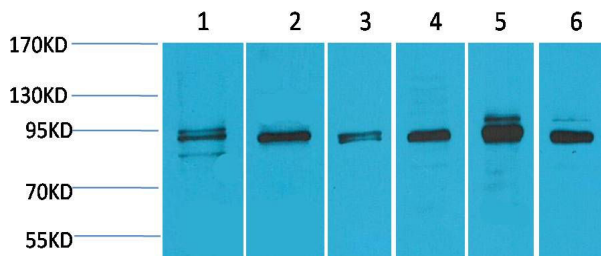
Recommended dilutions: WB: 1:1,000-2,000 IHC: 1:200-500

Optimal dilutions should be determined by the end user.

Specificity: Antibody can detects endogenous ERK5 protein.

Alternative Names: MAPK7 antibody, BMK1 antibody, MK07 antibody, PRKM7 antibody, EC 2.7.11.24 antibody

Background: ERK5, Mitogen-activated protein kinase 7 also known as MAP kinase 7 is an enzyme that in humans is encoded by the *MAPK7* gene. MAPK7 is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development.



Western blot analysis of 1) HeLa, 2)293T, 3)3T3, 4)Mouse Skeletal Muscle, 5)Rat Kidney, 6) Rat Skeletal Muscle with ERK5 Rabbit pAb TDY344 diluted at 1:2,000.

Immunohistochemical analysis of paraffin-embedded human Breast carcinoma using ERK5 (TDY344) Rabbit pAb diluted at 1:500.