



ELK Biotechnology

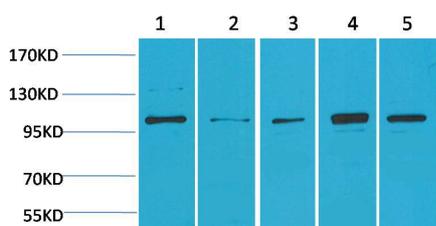
ERK5 Rabbit pAb

Catalog NO.: EA166

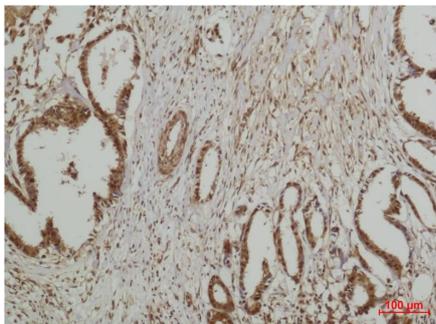
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Overview

Product name	ERK5 Rabbit polyclonal antibody
Source	Rabbit
Applications	WB, IHC
Species reactivity	Human, Rat, Mouse
Recommended dilutions	WesternBlot:1/1000-2000 Immunohistochemistry:1/200-500 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	89-115kDa
GenelD (Human)	5598
Human Swiss-Prot No.	Q13164
Cellular localization	Cytoplasm, Nucleus
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)Mouse Skeletal Muscle, 4)Rat Kidney, 5) Rat Skeletal Muscle with ERK5 Rabbit pAb EA166 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded human Breast carcinoma using ERK5 (EA166) Rabbit pAb diluted at 1:500.