

## ERK5 Rabbit Polyclonal Antibody(F140)

Catalog No.: RA20123

### Basic Information

#### Information

Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Rabbit
Isotype	IgG
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	89-115KD

#### Applications

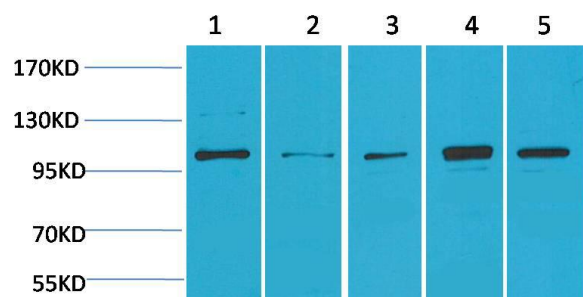
#### Recommended Dilution

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

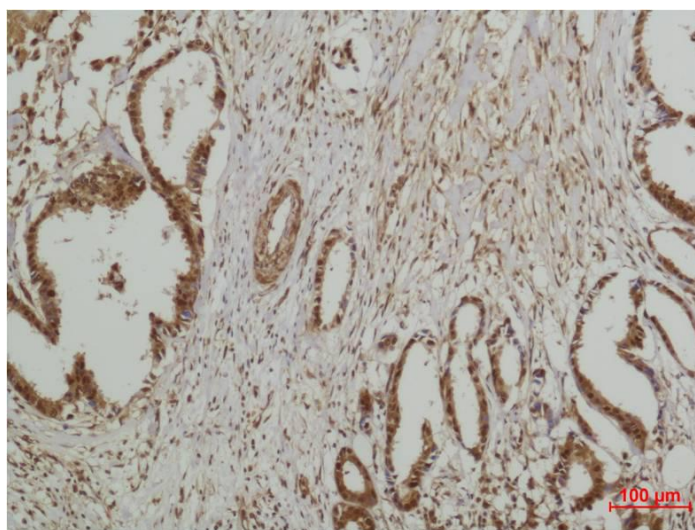
### Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

## Experimental Data



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



Immunohistochemical analysis of paraffin-embedded Human Breast carcinoma using ERK5 Rabbit pAb diluted at 1:500.

## 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.