

For Research Use Only

ERK1/2 Polyclonal antibody

Catalog Number: 51112-1-AP



Basic Information

Catalog Number: 51112-1-AP	GenBank Accession Number: BC013992	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 260 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5595	
Source: Rabbit	Full Name: mitogen-activated protein kinase 3	
Isotype: IgG	Calculated MW: 43 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
human, mouse

Background Information

ERK1 and ERK2 belongs to the protein kinase superfamily. It is involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in differentiated cells by phosphorylating a number of transcription factors such as ELK-1. ERK1/2 catalized the reaction: ATP + a protein = ADP + a phosphoprotein. It is activated by tyrosine phosphorylation in response to INS and NGF. This antibody is specific to ERK1.

Storage

Storage:
Store at -20°C.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data