

## ERK4 Antibody HRP Conjugated

Catalog No: #C05168H

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## Description

Product Name	ERK4 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 400-450 587 derived from human ERK4
Conjugates	HRP
Target Name	ERK4
Other Names	ERK4; ERK-4; PRKM4; p63MAPK; p63-MAPK; Mitogen-activated protein kinase 4; MAP kinase 4; MAPK 4; Extracellular signal-regulated kinase 4; MAP kinase isoform p63; MAPK4
Accession No.	Swiss-Prot#P31152NCBI Gene ID5596
Uniprot	P31152
GeneID	5596;
Excitation Emission	N A
Cell Localization	Cytoplasm, Nucleus
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200

## Background

Atypical MAPK protein. Phosphorylates microtubule-associated protein 2 (MAP2) and MAPKAPK5. The precise role of the complex formed with MAPKAPK5 is still unclear, but the complex follows a complex set of phosphorylation events: upon interaction with atypical MAPKAPK5, ERK4 MAPK4 is phosphorylated at Ser-186 and then mediates phosphorylation and activation of MAPKAPK5, which in turn phosphorylates ERK4 MAPK4. May promote entry in the cell cycle (By similarity).

Note: This product is for in vitro research use only