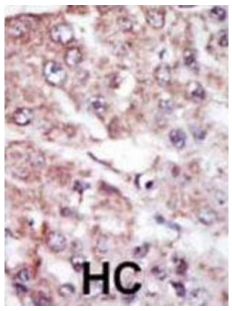
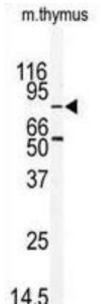
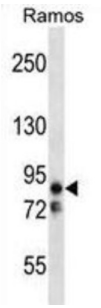
Serine/Threonine-Protein Kinase MARK2 (MARK2) Antibody

Catalogue No.:abx025136







Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains.

Target:	Serine/Threonine-Protein Kinase MARK2 (MARK2)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit

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Recommended dilutions:	WB: 1/1000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 600-630 amino acids from the C-terminal region of human MARK2 (EMK).
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q7KZI7 (UniProt, ExPASy)
NCBI Accession:	NP_001034558.2, NP_001156768.1, NP_001156769.1, NP_004945.4, NP_059672.2
KEGG:	hsa:2011
String:	9606.ENSP00000385751
Molecular Weight:	Calculated MW: 87.9 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Rat MARK2.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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