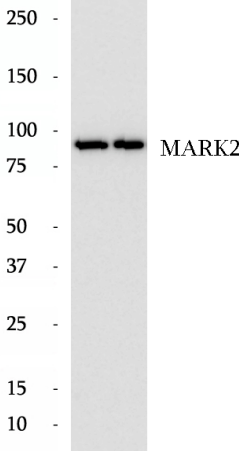


## Certificate of Analysis

Catalog Number	BP62745
Product Name	Anti-MARK2 antibody

## Physical and Chemical Properties

Molecular Weight	77-90 kDa
GenBank	BC008771
Uniprot	Q7KZI7
Concentration	390 µg/ml
Form	Liquid
Storage Instruction	10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at -20°C. Do Not Aliquot.
Chemical Structure OR Tested Image	 <p>250 - 150 - 100 - 75 - 50 - 37 - 25 - 15 - 10 -</p> <p>MARK2</p>

## Product Information

Description	MARK2 is also named as EMK1 (ELKL motif kinase 1), Par1b and belongs to the CAMK Ser/Thr protein kinase family. Par1b/MARK2 plays a critical role in neuronal polarity in the process of axon specification from multiple candidate neurites using primary cultures of mammalian hippocampal neurons. It has 16 isoforms produced by alternative promoter usage and alternative splicing with the molecular mass of 77-90kDa and can exist as a dimer.
Tested Applications	WB: 1:1000; IF: 1:100-1:300; IHC:1:50-1:200
Species Reactivity	Human, Mouse, Rat
Host Species/Isotype	Rabbit/IgG

### Analytical Data

Quality Assurance	The biological and chemical parameters such as concentration, purity, application and specificity of the tested antibody comply with the above-mentioned criteria of the product.
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