MARK1 Antibody

Catalog No: #36192

Orders: order@signalwayantibody.com
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Description

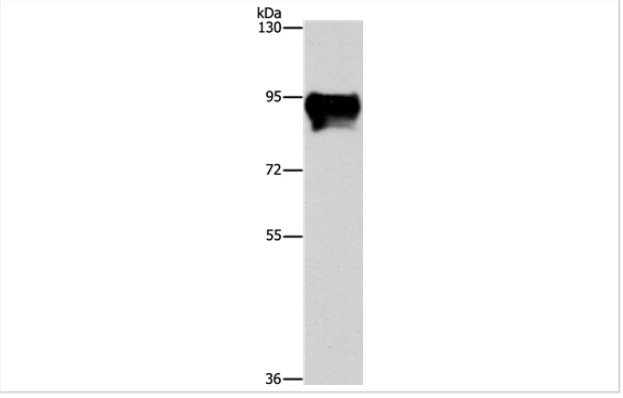
Product Name	MARK1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total MARK1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human MAP/microtubule affinity-regulating kinase 1
Target Name	MARK1
Other Names	MARK; Par1c; Par-1c
Accession No.	Swiss-Prot#: Q9P0L2NCBI Gene ID: 4139Gene Accssion: BC113869
Uniprot	Q9P0L2
GeneID	4139;
SDS-PAGE MW	89kd
Concentration	1.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

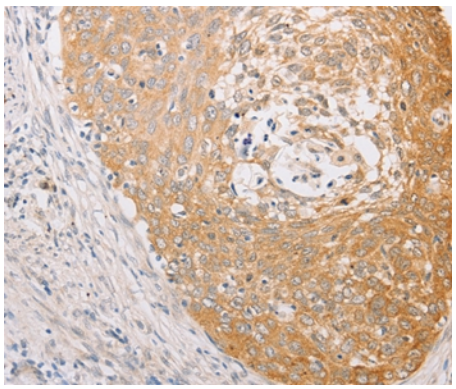
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

Images



Gel: 6%SDS-PAGE
Lysates (from left to right): Mouse brain tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/300 dilution
Secondary antibody dilution: 1/8000
Exposure time: 30 seconds



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #36192 at dilution 1/30.

Background

MAP/microtubule affinity-regulating kinase 1 (MARK1) is a 795 amino acid protein belonging to the CAMK Ser/Thr protein kinase family. MARK1 is thought to play a role in the stability of the microtubule matrix of the cytoskeleton. MARK1 is activated by phosphorylation of Thr215 by LKB1 in complex with STRAD and MO25. Localized to the cytoskeleton, MARK1 contains one kinase-associated (KA1) domain, one protein kinase domain and one UBA domain. Expressed as three isoforms produced by alternative splicing, MARK1 is found with highest levels in brain, skeletal muscle and heart.

Note: This product is for in vitro research use only