BT LAB
Bioassay Technology Laboratory
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MARK1/2/3/4(Phospho Thr215) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11126
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	The antiserum was produced against synthesized peptide derived from human MARK1/2/3/4 around the phosphorylation site of Thr215. AA range:181-230
Mol wt	89003
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Serine/threonine-protein kinase MARK1/2/3/4
Synonyms	Serine/threonine-protein kinase MARK1/2/3/4; MARK1; KIAA1477; MARK; Serine/threonine-protein kinase MARK1; MAP/microtubule affinity-regulating kinase 1; PAR1 homolog c; Par-1c; Par1c; MARK2; EMK1; Serine/threonine-protein kinase MARK2; ELKL motif kinase 1; EMK-1; MAP/microtubule affin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Thr-215 by STK11 in complex with STE20-related adapter-alpha (STRAD alpha) pseudo kinase and CAB39.,May play a role in cytoskeletal stability.,Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. MARK subfamily.,Contains 1 KA1 (kinase-associated) domain.,Contains 1 protein kinase domain.,Contains 1 UBA domain.,subcellular location:Appears to localize to an intracellular network.,tissue specificity:Highly expressed in heart, skeletal muscle, brain, fetal brain and fetal kidney.,

Recommended Dilution

IHC-p: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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