MRCKβ (F1665) polyclonal antibody

Catalog: BCP01113 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Protein kinases comprise a large group of encoded factors that regulate cellular processes by catalyzing the transfer of a phosphate group to a hydroxyl acceptor in serine, threonine or tyrosine residues. Myotonic dystrophy kinaserelated Cdc42-binding (DMPK-like) kinases-α and β (MRCK-α, β) contain a cysteine-rich motif and a putative pleckstrin homology domain. MRCKs can phosphorylate nonmuscle Myosin light chain and influences Actin-Myosin contractility. MRCK-α can phosphorylate and activate LIM kinases downstream of Cdc42, which leads to inactivation of ADF/Cofilin and to Actin cytoskeletal reorganization. MRCK-α can also influence neurite outgrowth promoted by Cdc42 and Rac.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 194 kDa

Swiss-Prot:

Q9Y5S2

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

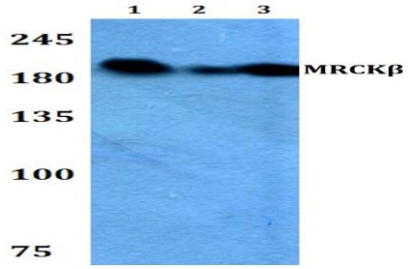
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

MRCKβ (F1665) polyclonal antibody detects endogenous levels of MRCKβ protein.

DATA:



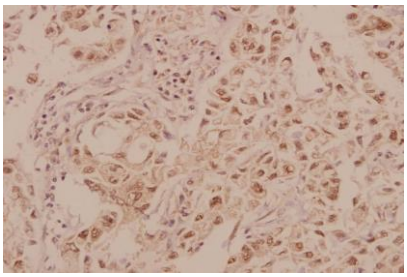
Western blot (WB) analysis of MRCKβ (F1665) pAb at 1:500 dilution

Lane1:The Brain tissue lysate of Mouse(40ug)

Lane2:The Brain tissue lysate of Rat(40ug)

Lane3:A549 whole cell lysate(40ug)

Lane4:MCF-7 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of MRCKβ (F1665) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

Note:

For research use only, not for use in diagnostic procedure.

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