HPK1 (L397) polyclonal antibody

Catalog: BS2115 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Several mammalian kinases have been identified with sequence similarity to the Saccharomyces cerevisiae serine/threonine kinase STE20. STE20 is involved in relaying signals from G protein coupled receptors to cytosolic MAP kinase cascades, and it lies upstream of a MAP kinase kinase kinase. Mammalian STE20-like kinases include HPK1, KHS, GLK, NIK, YSK1, Krs-1, Krs-2 and GC kinase. HPK1 (hematopoietic progenitor kinase 1), like many other STE20-like kinases, specifically activates the JNK signaling pathway. HPK1 binds to and phosphorylates MEKK, suggesting it plays an important role in regulating the stress responsive JNK/SAPK signaling pathway.

Product:

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

Molecular Weight:

~ 97 kDa

Swiss-Prot:

Q92918

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

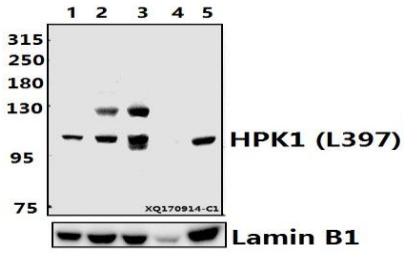
Storage&Stability:

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

Specificity:

HPK1 (L397) polyclonal antibody detects endogenous levels of HPK1 protein.

DATA:



Western blot (WB) analysis of HPK1 (L397) pAb at 1:500 dilution

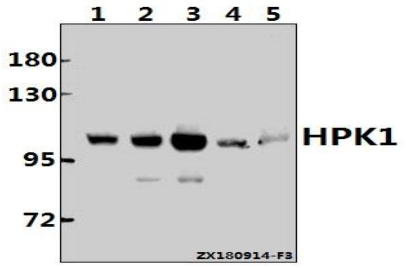
Lane1:HCC827 whole cell lysate(40ug)

Lane2:MCF-7 whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)

Lane4:H9C2 whole cell lysate(40ug)

Lane5:The Spleen tissue lysate of Mouse(40ug)



Western blot (WB) analysis of HPK1 (L397) pAb at 1:500 dilution

Lane1:A549 whole cell lysate(40ug)

Lane2:MCF-7 whole cell lysate(40ug)

Lane3:K562 whole cell lysate(40ug)

Lane4:RAW264.7 whole cell lysate(40ug)

Lane5:H9C2 whole cell lysate(40ug)

Note:

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

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