ASAP2 polyclonal antibody

Catalog: BS60750 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

DDEF2 (ADP ribosylation factor [ARF]-GTPase-activating protein [GAP] containing SH3, ANK repeats, and PH domain, PAP, PAG3, AMAP1, ZG14P, centaurin beta4) is a phospholipid-dependent ADP-ribosylation factor (ARF) GTPase-activating protein (ARF-GAP) that binds to protein-tyrosine kinases Src and focal adhesion kinase. ARF family GTP-binding proteins are regulators of membrane traffic and cytoskeletal organization. Modulation of ARF activity by DDEF2 is important for the regulation of focal adhesion assembly and/or organization by influencing the mechanisms responsible for the recruitment and organization of focal adhesion proteins paxillin and FAK. In spreading platelets, most endogenous DDEF2 is localized at peripheral focal adhesions. Pyk2 directly phosphorylates DDEF2 on tyrosine-308 and -782, and this event affects the phosphoinositide binding profile of DDEF2. DDEF2 is phosphorylated on tyrosine residues in cells expressing activated Src and tyrosine phosphorylation depends on a proline-rich class II Src SH3 binding site.

Product:

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

Molecular Weight:

~ 112 kDa

Swiss-Prot:

O43150

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

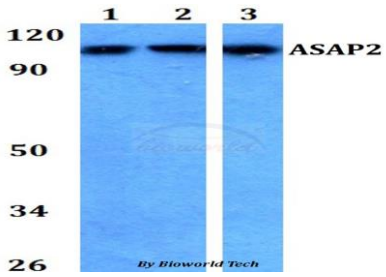
Storage&Stability:

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

Specificity:

ASAP2 polyclonal antibody detects endogenous levels of ASAP2 protein.

DATA:



Western blot (WB) analysis of ASAP2 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:sp2/0 whole cell lysate

Lane3:H9C2 whole cell lysate

Note:

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

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