

p130 Cas (Tyr249) polyclonal antibody

Catalog: AP0180

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The p130Cas (Cas for Crk-associated substrate) is a common cellular target of phosphorylation signal via v-Crk and v-Src oncoproteins. p130Cas has a unique structure that contains a Src homology (SH)-3 domain followed by multiple YXXP motifs and a proline-rich region. p130Cas is implicated in a variety of biological processes including cell adhesion, cell migration, growth factor stimulation, cytokine receptor engagement and bacterial infection. Physiological functions of p130Cas include cardiovascular development, actin filament assembly and Src-induced cell transformation.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 130 kDa

Swiss-Prot:

P56945

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

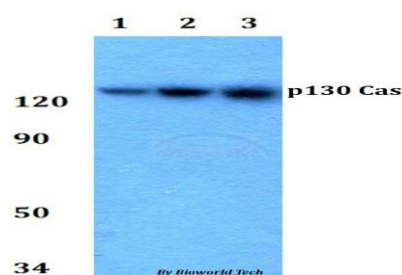
Storage&Stability:

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

Specificity:

p130 Cas(Tyr249) polyclonal antibody detects endogenous levels of p130 Cas protein.

DATA:



Western blot (WB) analysis of p130 Cas (Tyr249) polyclonal antibody at 1:500 dilution

Lane1: HEK293T whole cell lysate

Lane2: Raw264.7 whole cell lysate

Lane3: PC12 whole cell lysate

Immunohistochemistry (IHC) analysis of p130 Cas (P160) pAb in paraffin-embedded human breast carcinoma tissue.

Note:

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

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