

FAK (phospho-Y576) polyclonal antibody

Catalog: BS4684

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Focal adhesion kinase was initially identified as a major 125 kDa substrate for the intrinsic protein tyrosine kinase activity of Src-encoded pp60. The deduced amino acid sequence of FAK p125 has shown it to be a cytoplasmic protein tyrosine kinase whose sequence and structural organization are unique as compared to other proteins described to date. Localization of p125 by immunofluorescence suggests that it is primarily found in cellular focal adhesions leading to its designation as focal adhesion kinase (FAK). FAK is concentrated at the basal edge of only basal keratinocytes that are actively migrating and rapidly proliferating in repairing burn wounds, and is activated and localized to the focal adhesions of spreading keratinocytes in culture.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 125 kDa

Swiss-Prot:

Q05397

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

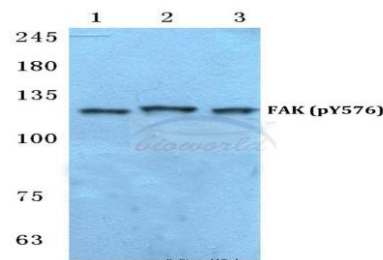
Storage&Stability:

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

Specificity:

p-FAK (Y576) polyclonal antibody detects endogenous levels of FAK protein only when phosphorylated at Tyr576.

DATA:



Western blot (WB) analysis of p-FAK (Y576) polyclonal antibody at 1:500 dilution

Lane1: HEK293T cell lysate treated with Forskolin(10nM, 24h)

Lane2: NIH3T3 cell lysate treated with Forskolin(10nM, 24h)

Lane3: H9C2 cell lysate treated with Forskolin(10nM, 24h)

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151