

**FAK (phospho-Y407) polyclonal antibody**

Catalog: BS4406

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:**

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

**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:**

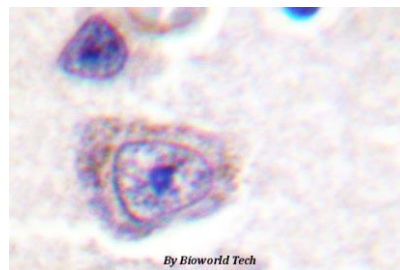
IHC: 1:50~1:200

**Storage&Stability:**

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

**Specificity:**

p-FAK (Y407) polyclonal antibody detects endogenous levels of FAK only when phosphorylated at Tyr407.

**DATA:**

Immunohistochemistry (IHC) analysis of p-FAK (Y407) pAb in paraffin-embedded mouse brain tissue.

**Note:**

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

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