

## FAK (Y570) polyclonal antibody

Catalog: BS1643

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:

~ 99, 119 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: 1:500~1:2000

IHC: 1:50~1:200

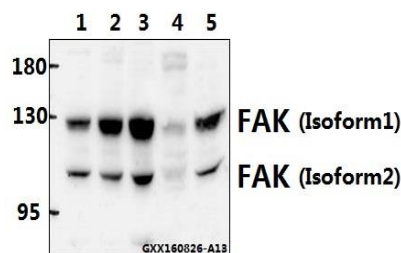
### Storage&Stability:

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

### Specificity:

FAK (Y570) polyclonal antibody detects endogenous levels of FAK protein.

### DATA:



Western blot (WB) analysis of FAK (Y570) polyclonal antibody at 1:500 dilution

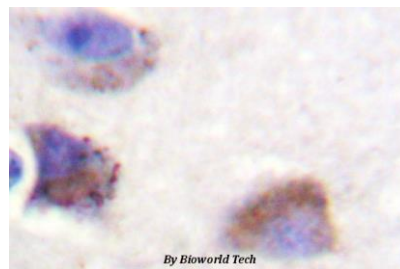
Lane1:HCT116 whole cell lysate(40ug)

Lane2:LO2 whole cell lysate(40ug)

Lane3:HepG2 whole cell lysate(40ug)

Lane4:BV2 whole cell lysate(40ug)

Lane5:C6 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of FAK (Y570) pAb in paraffin-embedded human brain tissue.

### Note:

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

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