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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Focal Adhesion Kinase (FAK). Rabbit Polyclonal Antibody

BACKGROUND

Focal Adhesion Kinase (FAK) is a 120 kDa tyrosine kinase which become phosphorylated in response to oncogene- and extracellular-matrix integrin-dependent stimulation. Chicken, mouse and human FAK has been isolated and the deduced amino acid sequences showed identity of over 90%. It is expressed in embryonic stem cells, and ubiquitously throughout development, in all adult tissues examined and in many cell lines. The highest expression of FAK is seen in the brain, testes and in osteoclasts. It is distinct from other non-receptor protein tyrosine kinases in that its catalytic domain is flanked by amino- and carboxy-terminal domains of about 400 amino acids each. Also, it does not contain the Src homology 2 or 3 domains, which mediate protein-protein interaction, nor a myristylation site that anchors proteins to the membrane.

ORDERING INFORMATION

CATALOG NUMBER

X1215P

SIZE

100 µg

FORM

Unconjugated

HOST/CLONE

Rabbit

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG

APPLICATIONS

Western Blot, Immunoprecipitation

SPECIES REACTIVITY

Mouse

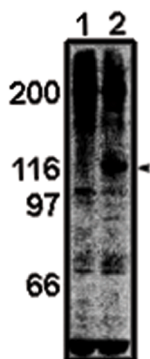
ACCESSION NUMBER

Mouse P34152

IMMUNOGEN

Bacterially expressed fusion protein consisting of the C-terminal 150 amino acids of the mouse FAK

Immunoprecipitation of FAK using FAK antibody preimmune serum (1) and affinity-purified antibody (2).



POSITIVE CONTROL/TISSUE EXPRESSION

COMMENTS

Detect focal adhesion kinase by IP/Western analysis in BALB/c 3T3 fibroblasts¹. Detects a 120 kDa band. Optimal concentration should be evaluated by serial dilutions.

PURIFICATION

Ammonium Sulfate Precipitation

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

1. Hanks, S.K., et al. Focal adhesion protein-tyrosine kinase phosphorylated in response to cell attachment to fibronectin. Proc. Natl. Acad. Sci. USA 1992, 89, 8487-8491
2. Ilic, D., et al. Focal adhesion kinase: at the crossroads of signal transduction. J. Cell Sci. 1997, 110, 401-407

PRODUCT SPECIFIC REFERENCES