Product Name: Phospho-FAK (Tyr397) Rabbit Monoclonal antibody
Catalog #: AMRe01557

Summary

Production Name	Phospho-FAK (Tyr397) Rabbit Monoclonal antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	PTK2
Alternative Names	PTK2; FAK; FAK1; Focal adhesion kinase 1; FADK 1; Focal adhesion kinase-related nonkinase; FRNK; Protein phosphatase 1 regulatory subunit 71; PPP1R71; Protein-tyrosine kinase 2; p125FAK; pp125FAK
Gene ID	5747
SwissProt ID	Q05397.

Application

Dilution Ratio	WB: 1:500-1:1000
Molecular Weight	Calculated MW: 119 kDa; Observed MW: 119 kDa

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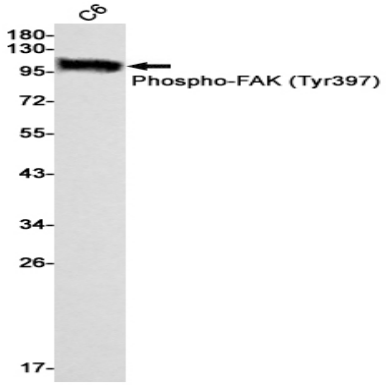
Background

This gene encodes a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Activation of this gene may be an important early step in cell growth and intracellular signal transduction pathways triggered in response to certain neural peptides or to cell interactions with the extracellular matrix.

Research Area

Cardiovascular

Image Data



Western blot analysis of Phospho-FAK (Tyr397) in C6 lysates using Phospho-FAK (Tyr397) antibody.

Note

For research use only.