

Datasheet for ABIN7301172
anti-FAK antibody (pTyr397)



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2 Images

Overview

Quantity:	100 µL
Target:	FAK (PTK2)
Binding Specificity:	pTyr397
Reactivity:	Human, Rat, Chicken, Monkey, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Focal Adhesion Kinase (pY397).
Specificity:	Recognizes endogenous levels of Focal Adhesion Kinase (pY397) protein.
Characteristics:	Rabbit polyclonal antibody to Focal Adhesion Kinase (pY397)
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	FAK (PTK2)
Alternative Name:	Focal Adhesion Kinase (PTK2 Products)
Background:	FAK, FAK1, Focal adhesion kinase 1, FADK 1, Focal adhesion kinase-related nonkinase, FRNK,

Target Details

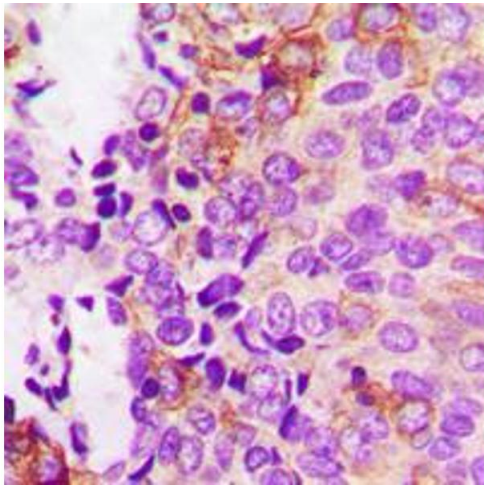
	Protein phosphatase 1 regulatory subunit 71, PPP1R71, Protein-tyrosine kinase 2, p125FAK, pp125FAK
Gene ID:	5747, 14083, 25614
UniProt:	Q05397 , P34152 , O35346
Pathways:	Response to Growth Hormone Stimulus , CXCR4-mediated Signaling Events , Smooth Muscle Cell Migration , Signaling of Hepatocyte Growth Factor Receptor , VEGF Signaling

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

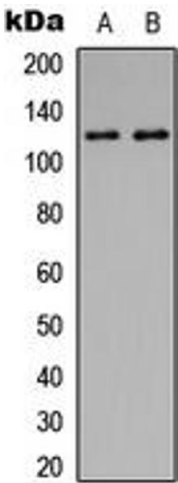
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemical analysis of Focal Adhesion Kinase (pY397) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugad compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of Focal Adhesion Kinase (pY397) expression in HEK293T (A), MDA-MB-231 (B) whole cell lysates.