

Datasheet for ABIN7138762
anti-FAK antibody (pSer843)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	FAK (PTK2)
Binding Specificity:	pSer843
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of serine843(R-G-S(p)-I-D) derived from Human FAK .
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	FAK (PTK2)
Alternative Name:	PTK2 (PTK2 Products)

Target Details

Background:	Background: Non-receptor protein-tyrosine kinase implicated in signaling pathways involved in cell motility, proliferation and apoptosis. Activated by tyrosine-phosphorylation in response to either integrin clustering induced by cell adhesion or antibody cross-linking, or via G-protein coupled receptor (GPCR) occupancy by ligands such as bombesin or lysophosphatidic acid, or via LDL receptor occupancy. Plays a potential role in oncogenic transformations resulting in increased kinase activity. Jiang X, Sinnett-Smith J, Rozengurt E (2007)Cell Signal 19, 1000-10 . Jacamo R, Jiang X, Lunn JA, Rozengurt E (2007)J Cell Physiol 210, 436-44. Le Boeuf F, Houle F, Sussman M, Huot J (2006)Mol Biol Cell 17, 3508-20 . Aliases: FADK 1 antibody, FADK antibody, FAK related non kinase polypeptide antibody, FAK1 antibody, FAK1_HUMAN antibody, Focal adhesion kinase 1 antibody, Focal adhesion Kinase antibody, Focal adhesion kinase isoform FAK Del33 antibody, Focal adhesion kinase related nonkinase antibody, FRNK antibody, p125FAK antibody, pp125FAK antibody, PPP1R71 antibody, Protein phosphatase 1 regulatory subunit 71 antibody, Protein tyrosine kinase 2 antibody, Protein-tyrosine kinase 2 antibody, Ptk2 antibody, PTK2 protein tyrosine kinase 2 antibody
UniProt:	Q05397
Pathways:	Response to Growth Hormone Stimulus , CXCR4-mediated Signaling Events , Smooth Muscle Cell Migration , Signaling of Hepatocyte Growth Factor Receptor , VEGF Signaling

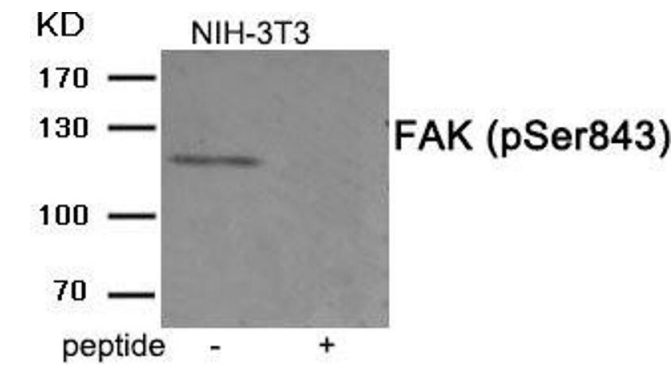
Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

Image 1. Western blot analysis of extracts from 3T3 cells treated with PMA using Phospho-FAK (Ser843) antibody. The lane on the right is treated with the antigen-specific peptide.