Datasheet for ABIN1531596

anti-FAK antibody (pSer910)

2 Images

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Overview

Quantity:	100 µL
Target:	FAK (PTK2)
Binding Specificity:	AA 876-925, pSer910
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAK antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human FAK around the phosphorylation site of Ser910.
Isotype:	IgG
Specificity:	FAK (Phospho-Ser910) Antibody detects endogenous levels of FAK only when phosphorylated at Ser910. PhosphorylationH:S910 M:S948 R:S913
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

Target:	FAK (PTK2)
Alternative Name:	FAK (PTK2 Products)
Background:	Synonyms: FADK 1, FAK1, Focal adhesion kinase 1, pp125FAK, Protein- tyrosine kinase 2, PTK2 NCBI Gene Symbol: PTK2
Molecular Weight:	119 kDa
Gene ID:	5747
OMIM:	600758
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

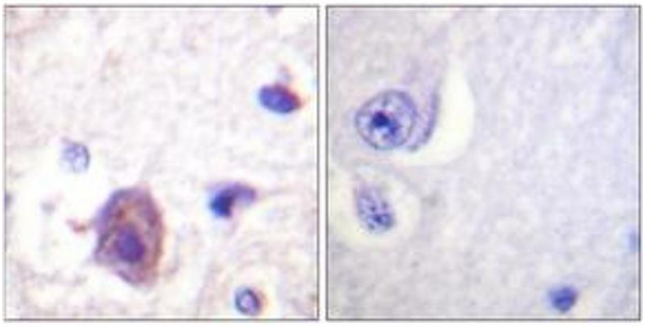
Application Notes:	IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.395482 (NCBI Gene Symbol: PTK2)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), 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.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

Immunofluorescence

Image 1. Immunofluorescence analysis of HepG2 cells, using FAK (Phospho-Ser910) Antibody. The picture on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain, using FAK (Phospho-Ser910) Antibody. The picture on the right is treated with the synthesized peptide.