

FAK(Ab-397) Antibody

Catalog No: #21208

Package Size: #21208-1 50ul #21208-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

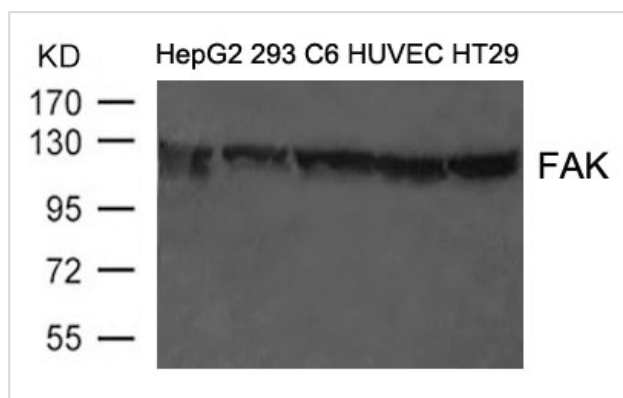
Product Name	FAK(Ab-397) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total FAK protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa. 395~399 (D-D-Y-A-E) derived from Human FAK.
Conjugates	Unconjugated
Target Name	FAK
Other Names	FADK; PTK2; FAK1; FRNK; PTK2
Accession No.	Swiss-Prot: Q05397NCBI Protein: NP_005598.3
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 125kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extract from HepG2, 293, C6, HUVEC and HT29 cells using FAK(Ab-397) Antibody #21208

Background

Important regulator of cell cycle progression. Involved in G1 arrest. Potent inhibitor of cyclin E- and cyclin A-CDK2 complexes. Positive regulator of cyclin D-dependent kinases such as CDK4. Regulated by phosphorylation and degradation events.

von Sengbusch A, et al. (2005) Am J Pathol ; 166(2): 585-596

Fornaro M, et al. (2000) Mol Biol Cell ; 11(7): 2235-2249

Zhang X, et al. (1999) Proc Natl Acad Sci U S A; 96(16): 9021-9026.

Published Papers

el at., Long non-coding RNA PVT1 promotes tumor progression by regulating the miR-143/HK2 axis In gallbladder cancer.In Mol Cancer on 2019 Mar 2 by Chen J, Yu Y, et al.. PMID: 30825877, , (2019)

[PMID:30931957](#)

el at., Luteolin reduces the invasive potential of malignant melanoma cells by targeting $\epsilon^{\sim}Y3$ integrin and the epithelial-mesenchymal transition.In Acta Pharmacol Sin on 2012 Oct by Ruan JS, Liu YP,et al..PMID:22983392, , (2012)

[PMID:22983392](#)

el at., Inhibition of hypoxia-induced epithelial mesenchymal transition by luteolin in non-small cell lung cancer cells. In Mol Med Rep on 2012 Jul by Junshan Ruan, Lei Zhang,

et al..PMID: 22552526, , (2012)

[PMID:22552526](#)

Byun Youngro;Hwang Hae Hyun;Jeong Hee Jeong;Kim Sung Wan;Lee Dong Yun;Okano Teruo;Yun Sangwu el at., Anticancer Effect of Heparin-Taurocholate Conjugate on Orthotopically Induced Exocrine and Endocrine Pancreatic Cancer, , (2021)

[PMID:34830928](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.