

FAK(Ab-397) Antibody

Catalog No: #21208

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

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

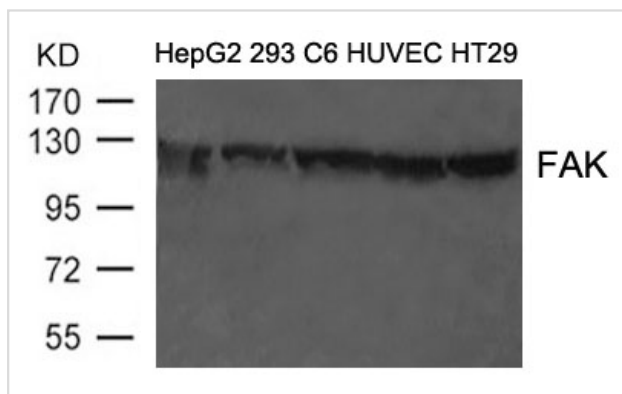
Product Name	FAK(Ab-397) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu Ms 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.
Target Name	FAK
Other Names	FADK; PTK2; FAK1; FRNK; PTK2
Accession No.	Swiss-Prot: Q05397NCBI Protein: NP_005598.3
Uniprot	Q05397
GeneID	5747;
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.

Note: This product is for in vitro research use only