

35-1546: Polyclonal Antibody to FAK (Ab-397)

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human,Mouse,Rat
Gene :	PTK2
Gene ID :	5747
Uniprot ID :	Q05397
Format :	Purified
Alternative Name :	FADK, PTK2, FAK1, FRNK, PTK2
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa. 395~399 (D-D-Y-A-E) derived from Human FAK.

Description

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.

Product Info

Amount :	50 µl / 100 µl
Content :	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 condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 125kd, Western blotting: 1:500~1:1000

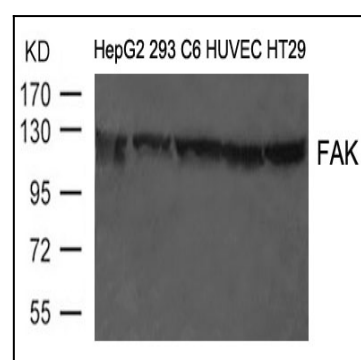


Figure 1: Western blot analysis of extract from HepG2, 293, C6, HUVEC and HT29 cells using FAK(Ab-397) Antibody 35-1546