

ILK-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250718

Unit: 0.1 mg

Description:

Integrin-linked protein kinase 1 (ILK-1) is a mediator of inside-out integrin signaling and a focal adhesion protein part of the ILK-PINCH complex. This complex is considered to be one of the convergence points of integrin and growth factor signaling pathways. It is implicated in mediating cell architecture, adhesion to integrin substrates and anchorage-dependent growth in epithelial cells. ILK-1 phosphorylates beta-1 and beta-3 integrin subunits on serine and threonine residues, as well as AKT1 and GSK3B. ILK-1 is strongly expressed in heart, skeletal muscle, pancreas and kidney, and is weakly expressed in placenta, lung and liver.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R, B, D, Ck

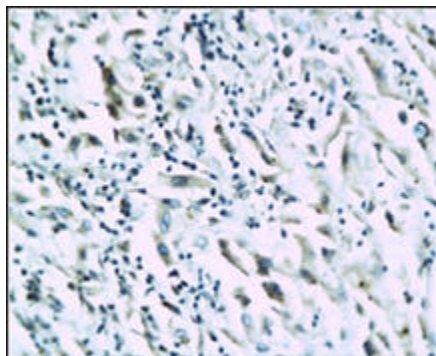
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: ILK-1; Integrin-linked protein kinase 1; Integrin-linked protein kinase; ILK-1; ILK-2; 59 kDa serine/threonine-protein kinase; p59ILK; ILK

Accession No.: Q13418

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ILK-1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



ILK-1 staining in human liver cancer. Paraffin-embedded human liver cancer is stained with ILK-1 Antibody (Cat. No. 250718) used at 1:100 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.