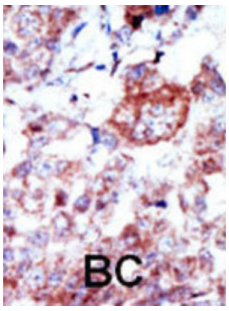
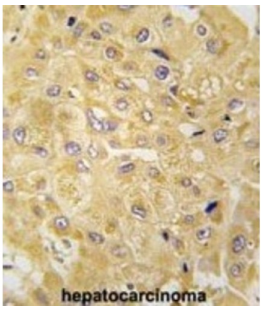
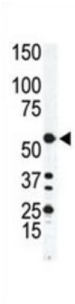
Integrin-Linked Protein Kinase (ILK1/ILK2) Antibody

Catalogue No.:abx033575







Transduction of extracellular matrix signals through integrins influences intracellular and extracellular functions, and appears to require interaction of integrin cytoplasmic domains with cellular proteins. Integrin-linked kinase (ILK), interacts with the cytoplasmic domain of beta-1 integrin. ILK encodes a predicted 451-amino acid protein, with an apparent molecular weight of 59 kD. The ILK protein is a serine/threonine protein kinase with 4 ankyrin-like repeats. ILK regulates integrin-mediated signal transduction.

Target:	Integrin-Linked Protein Kinase (ILK1/ILK2)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit

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Recommended dilutions:	WB: 1/1000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 11-41 amino acids from the N-terminal region of human ILK1/ILK2.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O55222 (UniProt, ExPASy)
NCBI Accession:	NP_001155196.1, NP_034692.2
KEGG:	mmu:16202
String:	10090.ENSMUSP00000033182
Molecular Weight:	Calculated MW: 51.4 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Rat, Cow and Chicken Ilk.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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