



ILK (phospho Ser246) rabbit pAb

Cat No.:ES5902

For research use only

Overview

Product Name	ILK (phospho Ser246) rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human ILK around the phosphorylation site of Ser246. AA range:212-261
Specificity	Phospho-ILK (S246) Polyclonal Antibody detects endogenous levels of ILK protein only when phosphorylated at S246.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Integrin-linked protein kinase
Gene Name	ILK
Cellular localization	Cell junction, focal adhesion . Cell membrane; Peripheral membrane protein; Cytoplasmic side . Cell projection, lamellipodium . Cytoplasm, myofibril, sarcomere .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	3611
Human Swiss-Prot Number	Q13418
Alternative Names	ILK; ILK1; ILK2; Integrin-linked protein kinase; 59 kDa serine/threonine-protein kinase; ILK-1; ILK-2; p59ILK
Background	This gene encodes a protein with a kinase-like domain and four ankyrin-like repeats. The encoded

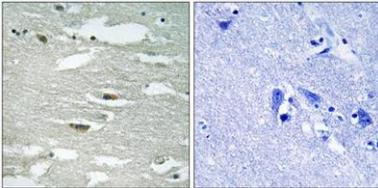




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protein associates at the cell membrane with the cytoplasmic domain of beta integrins, where it regulates integrin-mediated signal transduction. Activity of this protein is important in the epithelial to mesenchymal transition, and over-expression of this gene is implicated in tumor growth and metastasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2013],

Immunohistochemistry analysis of paraffin-embedded human brain, using ILK (Phospho-Ser246) Antibody. The picture on the right is blocked with the phospho peptide.



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