



Rabbit Anti-Human ILK (Phospho-Ser246) polyclonal antibody (CABT-L3699)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Anti-Human MLC-2 (Phospho-Thr17+Ser18) polyclonal antibody. This antibody detects endogenous levels of ILK only when phosphorylated at Ser246.
Specificity	Target Modification: Phospho. Modification Sites: Human: S246; Mouse: S246; Rat: S246
Target	Human ILK (Phospho-Ser246)
Immunogen	The antiserum was produced against synthesized peptide derived from human ILK around the phosphorylation site of Ser246. Immunogen range: 212-261
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	IHC, ELISA
Molecular Weight	51 kDa
Preparation	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Format	Liquid

Concentration	Lot specific
Size	100 µl
Buffer	Rabbit IgG in PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl and 50% glycerol.
Preservative	0.02% Sodium Azide
Storage	Stable at -20°C for at least 1 year.
Ship	Wet ice

BACKGROUND

Introduction This gene encodes a protein with a kinase-like domain and four ankyrin-like repeats. The encoded 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.

Keywords ILK;integrin-linked kinase;P59;ILK-1;ILK-2;p59ILK;HEL-S-28;integrin-linked protein kinase;integrin-linked kinase-2;epididymis secretory protein Li 28;59 kDa serine/threonine-protein kinase;

GENE INFORMATION

Gene Name	ILK integrin-linked kinase [Homo sapiens (human)]
Official Symbol	ILK
Synonyms	ILK-1, ILK-2, 59 kDa serine/threonine-protein kinase, P59ilk
Entrez Gene ID	3611
UniProt ID	Q13418