



Rabbit Anti-Human ILK monoclonal antibody, clone 25I20M30 (CABT-L1414)

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

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Dog, Horse and Cat
Target	ILK
Immunogen	Protein corresponding to Human ILK (aa 1-300)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	25I20M30
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	FC, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.4
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

Introduction

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. This gene encodes a serine/threonine protein kinase with 4 ankyrin-like repeats, which associates with the cytoplasmic domain of beta integrins and acts as a proximal receptor kinase regulating integrin-mediated signal transduction. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene.

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

Entrez Gene ID

[3611](#)

UniProt ID

[Q13418](#)