



Anti-ILK (aa 341-452) polyclonal antibody (DPAB-DC1715)

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	ILK (AAH01554, 341 a.a. ~ 452 a.a) partial recombinant protein with GST tag. The sequence is KFSFQCPGRMYAPAWVAPEALQKKPEDTNRRSADMWSFAVLLWELVTREVPFADLSNMEI GMKVALEGLRPTIPPGISPHVCKLMKICMNEDPAKRPKFDMIVPILEKMQDK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ILK integrin-linked kinase [Homo sapiens (human)]
Official Symbol	ILK
Synonyms	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;
Entrez Gene ID	3611
Protein Refseq	NP_001014794
UniProt ID	Q13418
Chromosome Location	11p15.4
Pathway	Bacterial invasion of epithelial cells; Cell-Cell communication; Endometrial cancer; Focal Adhesion
Function	ATP binding; SH3 domain binding; integrin binding; protein binding
