

Datasheet for ABIN391997  
**anti-ILK antibody (AA 151-180)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	400 µL
Target:	ILK
Binding Specificity:	AA 151-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ILK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This ILK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 151-180 amino acids from human ILK.
Clone:	RB13894
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	ILK
Alternative Name:	ILK ( <a href="#">ILK Products</a> )

## Target Details

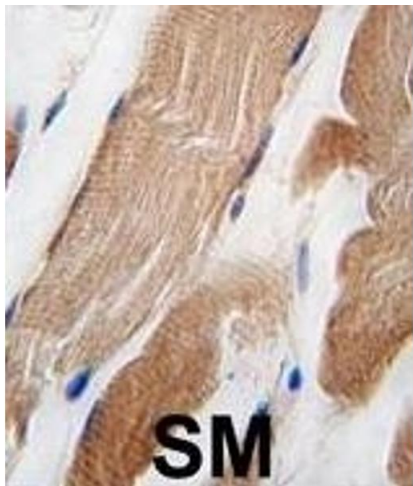
Background:	Transduction of extracellular matrix signals through integrins influences intracellular and extracellular functions, and appears to require interaction of integrin cytoplasmic domains with cellular proteins. Integrin-linked kinase (ILK), interacts with the cytoplasmic domain of beta-1 integrin. ILK is 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.
Molecular Weight:	51419
Gene ID:	3611
NCBI Accession:	<a href="#">NP_001014794</a> , <a href="#">NP_001014795</a> , <a href="#">NP_001265370</a> , <a href="#">NP_004508</a>
UniProt:	<a href="#">Q13418</a>
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Regulation of Cell Size</a> , <a href="#">Maintenance of Protein Location</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Smooth Muscle Cell Migration</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

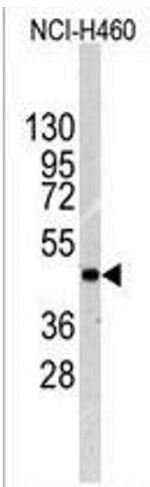
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin-embedded human skeletal muscle tissue reacted with ILK Antibody f antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



**Western Blotting**

**Image 2.** Western blot analysis of anti-ILK Antibody (R) in NCI- cell line lysates (35 µg/lane). EN1 (arrow) was detected using the purified Pab.