

Rabbit anti-Human Integrin-linked protein kinase Polyclonal Antibody | anti-ILK antibody

Rabbit anti-human Integrin-linked protein kinase polyclonal Antibody

CATALOG # AAA230488	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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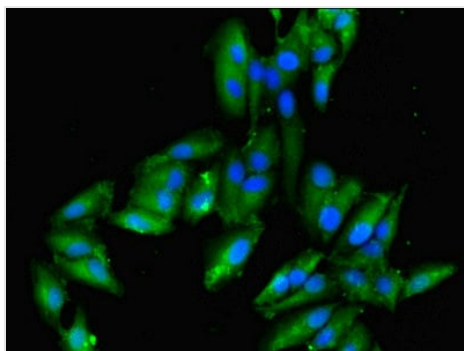
PRODUCT SYNONYMS

Integrin-linked protein kinase; Polyclonal Antibody; Rabbit anti-human Integrin-linked protein kinase polyclonal Antibody; Integrin-linked protein kinase protein; 59 kDa serine/threonine-protein kinase; ILK-1; ILK-2; p59ILK; anti-ILK antibody

PRODUCT SPECIFICATIONS

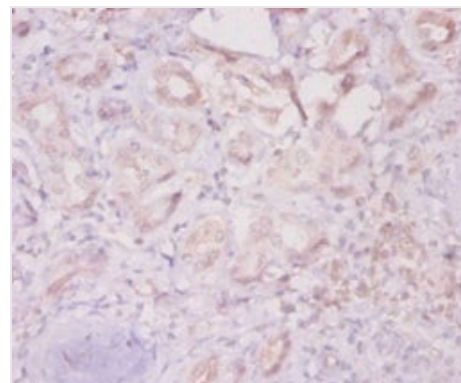
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	452
Applicable Applications for anti-ILK antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Integrin-linked protein kinase protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-7516 / sc-30713 / sc-13075
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



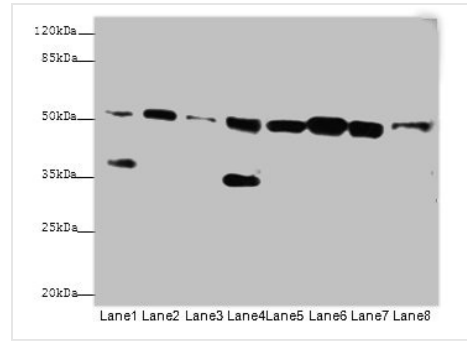
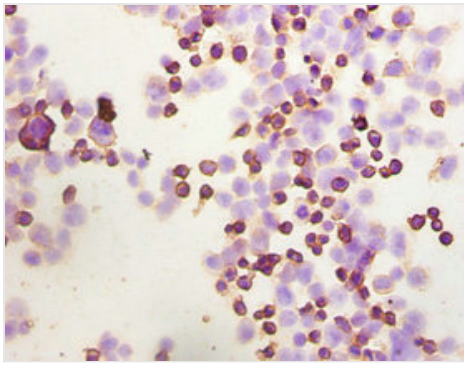
IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells using AAA230488 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA230488 at dilution of 1:20



WB (Western Blot)

Western blotAll lanes: ILK antibody at 3ug/mlLane 1: HeLa whole cell lysateLane 2: NIH/3T3 whole cell lysateLane 3: HL60 whole cell lysateLane 4: Mouse liver tissueLane 5: Mouse lung tissueLane 6: Rat liver tissueLane 7: Rat lung tissueLane 8: Zebrafish lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 52,45,37 kDaObserved band size: 51,37 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ILK antibody	Receptor-proximal protein kinase regulating integrin-mediated signal transduction. May act as a mediator of inside-out integrin signaling. Focal adhesion protein part of the complex ILK-PINCH. This complex is considered to be one of the convergence points of integrin- and growth factor-signaling pathway. Could be implicated in mediating cell architecture, adhesion to integrin substrates and anchorage-dependent growth in epithelial cells. Phosphorylates beta-1 and beta-3 integrin subunit on serine and threonine residues, but also AKT1 and GSK3B. 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.
Product Categories/Family for anti-ILK antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	62420873
NCBI GeneID	3611
NCBI Accession #	NP_001014794.1
NCBI GenBank Nucleotide #	NM_001014794.2
UniProt Accession #	Q13418; P57043; Q68DZ3; B7Z110; B7Z418; D3DQU0
Molecular Weight	36,467 Da
NCBI Official Full Name	integrin-linked protein kinase isoform 1
NCBI Official Synonym Full Names	integrin linked kinase
NCBI Official Symbol	ILK
NCBI Official Synonym Symbols	P59; ILK-1; ILK-2; p59ILK; HEL-S-28
NCBI Protein Information	integrin-linked protein kinase
UniProt Protein Name	Integrin-linked protein kinase
UniProt Gene Name	ILK
UniProt Synonym Gene Names	ILK1; ILK2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/integrin-linked-protein-kinase-antibody-immunohistochemistry-western-blot-elisa/230488>