

Rabbit ILK2/ILK1 Polyclonal Antibody | anti-ILK antibody

ILK2/ILK1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287403	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Rat)	ELISA, Western Blot

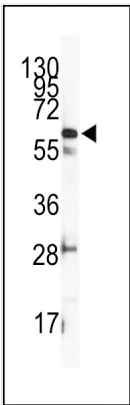
PRODUCT SYNONYMS

ILK2/ILK1; Polyclonal Antibody; ILK2/ILK1 Antibody (C-term); Integrin-linked protein kinase; 59 kDa serine/threonine-protein kinase; ILK-1; ILK-2; p59ILK; ILK; ILK1; ILK2; anti-ILK antibody

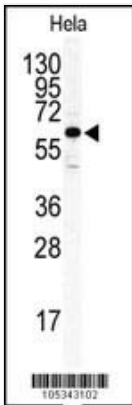
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ILK2/ILK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 391-421 amino acids from the C-terminal region of human ILK2/ILK1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	391-421
Sequence Length	318
Applicable Applications for anti-ILK antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of anti-ILK2/ILK1 Antibody (C-term) in mouse heart tissue lysates (35ug/lane). ILK2(arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of anti-ILK2/ILK1 Antibody (C-term) in HeLa cell line lysates (35ug/lane). ILK2(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ILK antibody	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) is an ankyrin repeat containing 51 kDa receptor-proximate serine-threonine kinase (1), with a reported migration rate of 59K. This 451 amino acid protein interacts with the cytoplasmic domain of the beta-1 integrin subunit and contains sequence motifs found in pleckstrin homology domains capable of interacting with phosphoinositide lipids. ILK is an upstream regulator of Pi(3)K dependant activation of protein kinase B (PKB/AKT) and inhibition of glycogen synthase kinase 3 (GSK-3). ILK2 expression is associated with mediation of cell architecture, adhesion to integrin substrates and anchorage-dependent growth in epithelial cells. ILK2 is overexpressed in some highly invasive tumor cell lines.
Product Categories/Family for anti-ILK antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	62420873
NCBI GeneID	3611
NCBI Accession #	NP_001014794.1; NP_001014795.1; NP_001265370.1; NP_004508.1
NCBI GenBank Nucleotide #	NM_001014794.2
UniProt Accession #	Q13418; P57043; Q68DZ3; B7Z1I0; B7Z418; D3DQU0
Molecular Weight	51419
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
UniProt Entry Name	ILK_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/ilk2-ilk1-antibody-western-blot-elisa/287403>