Rabbit ILK1/ILK2 Polyclonal Antibody | anti-Ilk antibody

ILK1/ILK2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284464	**Rabbit**	**Human (Predicted Reactivity: Bovine, Rat)**	**Immunohistochemistry, ELISA, Western Blot**

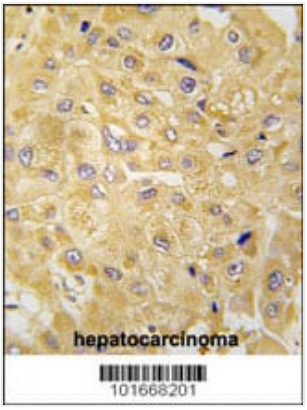
PRODUCT SYNONYMS

ILK1/ILK2; Polyclonal Antibody; ILK1/ILK2 Antibody (N-term); Integrin-linked protein kinase; Ilk; anti-Ilk antibody

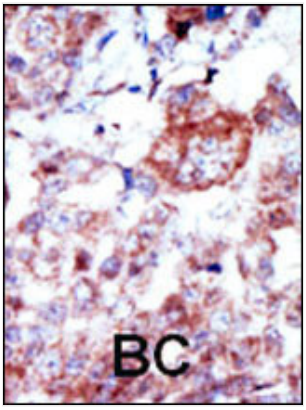
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ILK1/ILK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 11-41 amino acids from the N-terminal region of mouse ILK1/ILK2.
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: 1.43 (varies by lot)
Sequence Positions	11-41
Sequence Length	452
Applicable Applications for anti-Ilk antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
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.

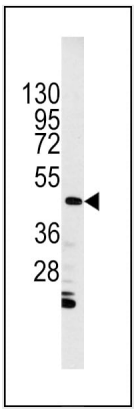
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with ILK1/ILK2 Antibody (N-term) , 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.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-ILK1 Pab in HL60 cell lysate. ILK1 (Arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

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), interacts with the cytoplasmic domain of beta-1 integrin. ILK encodes a predicted 451-amino acid protein, with an apparent molecular weight of 59 kD. The ILK protein is a serine/threonine protein kinase with 4 ankyrin-like repeats. ILK regulates integrin-mediated signal transduction.
Product Categories/Family for anti-Ilk antibody	Signal Transduction
References	Li, Y., et al., J. Clin. Invest. 112(4):503-516 (2003). Troussard, A.A., et al., J. Biol. Chem. 278(25):22374-22378 (2003). Marotta, A., et al., Br. J. Cancer 88(11):1755-1762 (2003). Cordes, N., et al., Br. J. Cancer 88(9):1470-1479 (2003). Fukuda, T., et al., J. Cell Biol. 160(7):1001-1008 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	240255653
NCBI GeneID	16202

NCBI Accession #	NP_001155196.1; NP_034692.2
NCBI GenBank Nucleotide #	NM_001161724.1
UniProt Accession #	O55222; Q78KK2
Molecular Weight	51373
NCBI Official Full Name	integrin-linked protein kinase
NCBI Official Synonym Full Names	integrin linked kinase
NCBI Official Symbol	Ilk
NCBI Official Synonym Symbols	ESTM24; AA511515
NCBI Protein Information	integrin-linked protein kinase
UniProt Protein Name	Integrin-linked protein kinase
UniProt Gene Name	**Ilk**
UniProt Entry Name	ILK_MOUSE

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://stage.aaabiotech.com/polyclonal/ilk1-ilk2-antibody-immunohistochemistry-western-blot-elisa/284464