

Product Datasheet

ILK Antibody NB100-809

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-809

ILK Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	3611
Gene Symbol	ILK
Species	Human, Mouse, Rat, Porcine
Specificity/Sensitivity	All 3 variants (represented by NP_004508.1; NP_001014794.1 and NP_001014795.1) encode the same protein.
Immunogen	Peptide with sequence C-DMIVPILEKMQDK corresponding to C-Terminus according to NP_004508.1, NP_001014794.1, NP_001014795.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.01-0.03ug/ml, Immunohistochemistry 2-4ug/ml, Immunohistochemistry-Paraffin 2-4ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	Western blot: Approx. 37kDa band observed in Human, Mouse, Rat and Pig Liver lysate (calculated MW of 34.7kDa according to NP_000036.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. IHC: In paraffin embedded Human Kidney shows preferential staining of PCT.

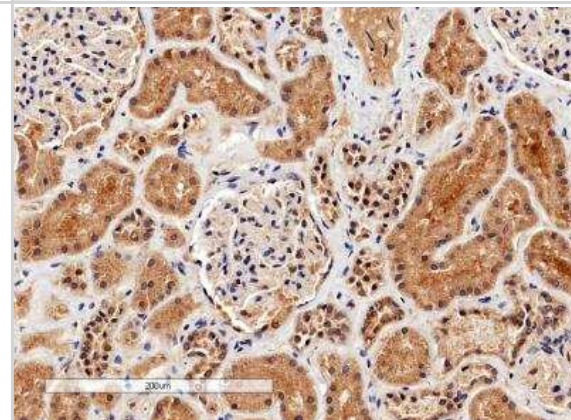


Images

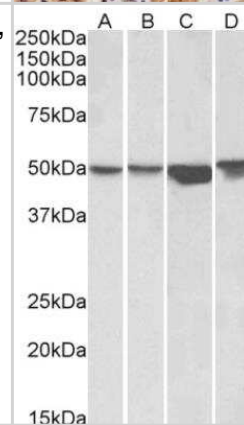
Western Blot: ILK Antibody [NB100-809] - (0.01ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Immunohistochemistry-Paraffin: ILK Antibody [NB100-809] - (4ug/ml) staining of paraffin embedded Human Kidney. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.



Western Blot: ILK Antibody [NB100-809] - (0.03ug/ml) staining of Pig (A), Mouse (B) and Rat (C) Liver lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Hannigan GE, Leung-Hagesteijn C, Fitz-Gibbon L et al. Regulation of cell adhesion and anchorage-dependent growth by a new beta 1-integrin-linked protein kinase. Nature 1996-01-04 [PMID: 8538749]



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Products Related to NB100-809

NBL1-11974	ILK Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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