

Product Datasheet

ILK Antibody NB100-60451

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Publications: 1

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NB100-60451

ILK Antibody

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA
Target Molecular Weight	51 kDa

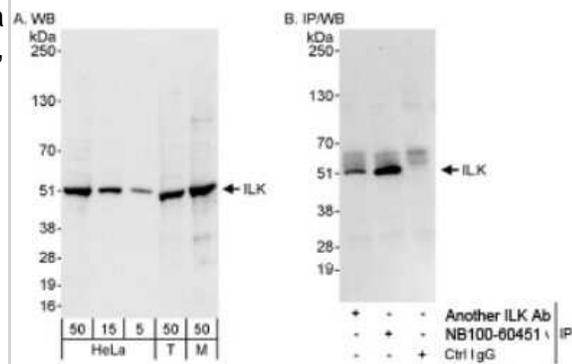
Product Description	
Description	Novus Biologicals Rabbit ILK Antibody (NB100-60451) is a polyclonal antibody validated for use in WB, ICC/IF and IP. Anti-ILK Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3611
Gene Symbol	ILK
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 402 and 451 of human integrin-linked kinase using the numbering given in entry NP_004508.1 (GeneID 3611).

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunoprecipitation 2-5 ug/mg lysate
Application Notes	Acetone fixation is recommended. Permeabilization is not recommended. Formaldehyde fixation is not recommended.

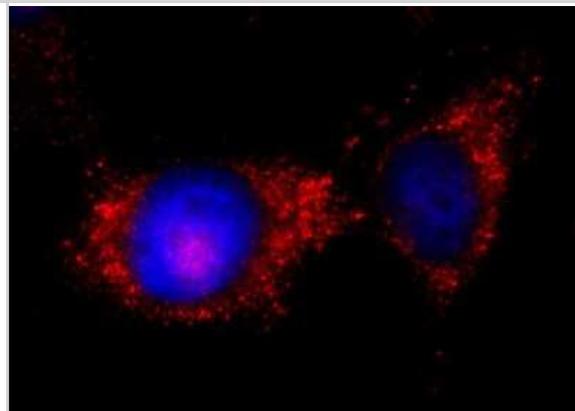


Images

Western Blot: ILK Antibody [NB100-60451] - Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), 293T (T; 50 ug), and mouse NIH3T3 (M; 50 ug) cells. NB100-60451 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate.



Immunocytochemistry/Immunofluorescence: ILK Antibody [NB100-60451] - Acetone-fixed asynchronous HeLa cells. Antibody used at a dilution of 1:100 (2ug/ml).



Publications

Dejaeger M, Bohm AM, Dirckx N et al. Integrin-Linked Kinase Regulates Bone Formation by Controlling Cytoskeletal Organization and Modulating BMP and Wnt Signaling in Osteoprogenitors. *J. Bone Miner. Res.* 2017-06-02 [PMID: 28574598] (Mouse)

Details:

This ILK antibody was used in a study looking at the effect of ILK knockout on trabecular bone mass.



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Products Related to NB100-60451

NBL1-11974	ILK Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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