

# Product Datasheet

## ILK Antibody NBP2-89110

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-89110**

ILK Antibody

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH7.4), 0.2% BSA, 50% Glycerol
<b>Target Molecular Weight</b>	51 kDa

**Product Description**

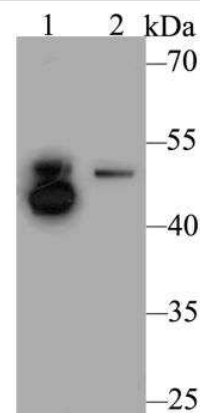
<b>Host</b>	Rabbit
<b>Gene ID</b>	3611
<b>Gene Symbol</b>	ILK
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein within Human ILK aa 1-290. (SwissProt: Q13418 Human; SwissProt: O55222 Mouse; SwissProt: Q99J82 Rat)

**Product Application Details**

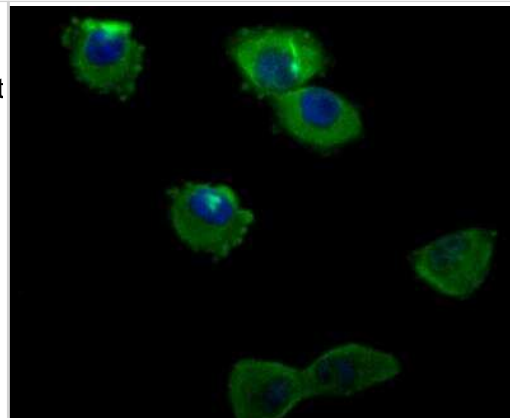
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

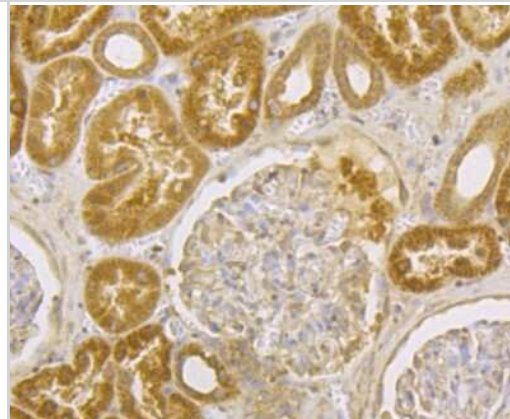
Western Blot: ILK Antibody [NBP2-89110] - Analysis of Integrin linked ILK on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody was used at a 1:500 dilution in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Mouse skeletal muscle tissue lysate Lane 2: Rat lung tissue lysate



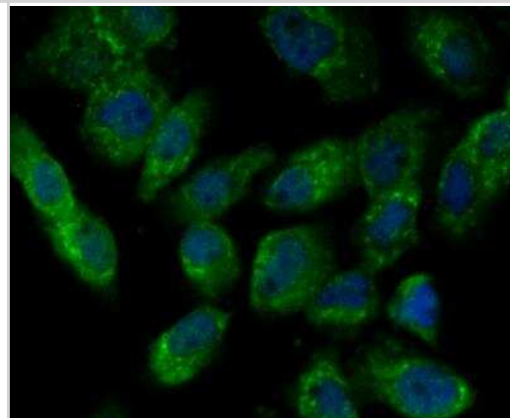
**Immunocytochemistry/Immunofluorescence: ILK Antibody [NBP2-89110]**  
 - Staining Integrin linked ILK in PANC-1 cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with Integrin linked ILK polyclonal antibody at a dilution of 1:50 for 1 hour at room temperature, washed with PBS. Alexa Fluor(TM) 488 Goat anti-Rabbit IgG was used as the secondary antibody at 1/100 dilution. The nuclear counter stain is DAPI (blue).



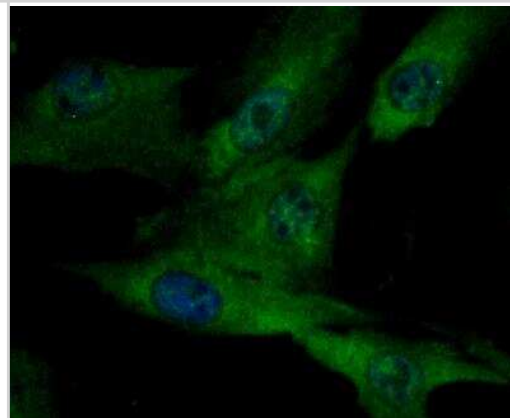
**Immunohistochemistry-Paraffin: ILK Antibody [NBP2-89110]**  
 - Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-ILK antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 m



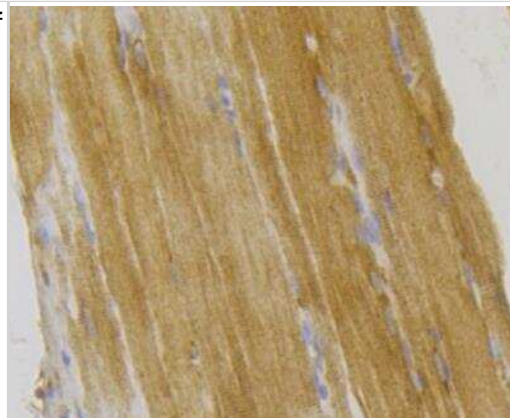
**Immunocytochemistry/Immunofluorescence: ILK Antibody [NBP2-89110]**  
 - Staining Integrin linked ILK in A431 cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with Integrin linked ILK polyclonal antibody at a dilution of 1:100 for 1 hour at room temperature, washed with PBS. Alexa Fluor(TM) 488 Goat anti-Rabbit IgG was used as the secondary antibody at 1/100 dilution. The nuclear counter stain is DAPI (blue).



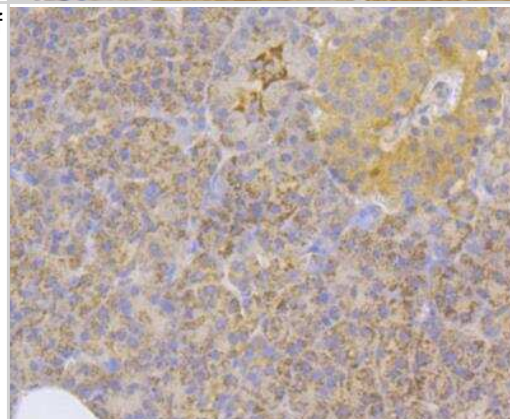
**Immunocytochemistry/Immunofluorescence: ILK Antibody [NBP2-89110]**  
 - Staining Integrin linked ILK in MG-63 cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with Integrin linked ILK polyclonal antibody at a dilution of 1:50 for 1 hour at room temperature, washed with PBS. Alexa Fluor(TM) 488 Goat anti-Rabbit IgG was used as the secondary antibody at 1/100 dilution. The nuclear counter stain is DAPI (blue).



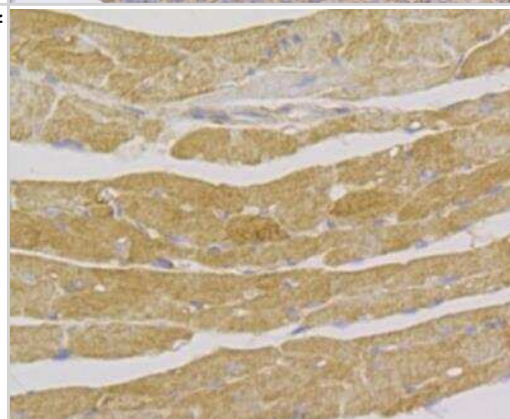
Immunohistochemistry-Paraffin: ILK Antibody [NBP2-89110] - Analysis of paraffin-embedded rat skeletal muscle tissue using anti-Integrin linked ILK antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the antibody at 1/200 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: ILK Antibody [NBP2-89110] - Analysis of paraffin-embedded human pancreas tissue using anti-Integrin linked ILK antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the antibody at 1/200 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: ILK Antibody [NBP2-89110] - Analysis of paraffin-embedded mouse heart tissue using anti-Integrin linked ILK antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the antibody at 1/50 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.





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### **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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