

Product Datasheet

ILF1 Antibody NB100-1285

Unit Size: 0.1 mg

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

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NB100-1285

ILF1 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
Target Molecular Weight	69 kDa
Product Description	
Host	Goat
Gene ID	3607
Gene Symbol	FOXK2
Species	Human
Immunogen	Peptide with sequence C-TPPAAVREKGVQN corresponding to C-Terminus according to NP_004505.2.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 0.01 - 0.03 ug/ml, Flow Cytometry 10 ug/ml, Immunocytochemistry/Immunofluorescence 10 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 65 kDa band observed in human thymus lysate (calculated MW of 69.1 kDa band according to NP_004505.2. Approx 80kDa band observed in nuclear lysates of cell lines HEK293, HeLa and Jurkat (calculated MW of 69.1kDa according to NP_004505.2.

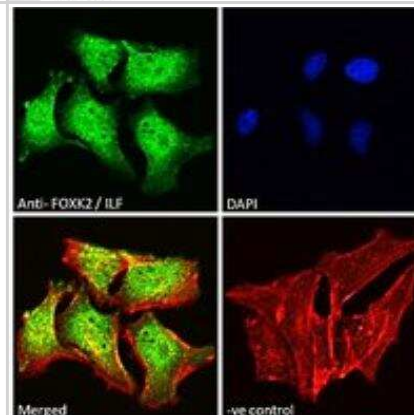


Images

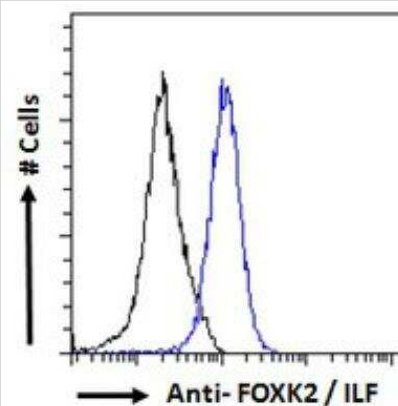
Western Blot: ILF1 Antibody [NB100-1285] - (0.3ug/ml) staining of Human Thymus lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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

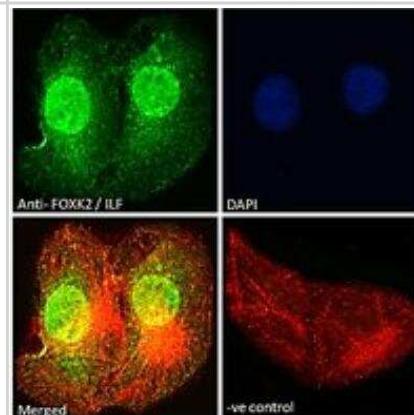
Immunocytochemistry/Immunofluorescence: ILF1 Antibody [NB100-1285] - Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic/vesicle staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Flow Cytometry: ILF1 Antibody [NB100-1285] - Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunocytochemistry/Immunofluorescence: ILF1 Antibody [NB100-1285] - Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic/vesicle staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Publications

Li C, Lusic AJ, Sparkes R et al. Characterization and chromosomal mapping of the gene encoding the cellular DNA binding protein ILF. *Genomics* 1992-07-01 [PMID: 1339390]

Fujii Y, Nakamura M. FOXK2 transcription factor is a novel G/T-mismatch DNA binding protein. *J Biochem*;147(5):705-9. 2010-05-01 [PMID: 20097901] (Human)





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Products Related to NB100-1285

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
H00003607-Q01-10ug	Recombinant Human ILF1 GST (N-Term) Protein

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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