

Product Datasheet

FoxC2 Antibody NB100-1269

Unit Size: 0.1 mg

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

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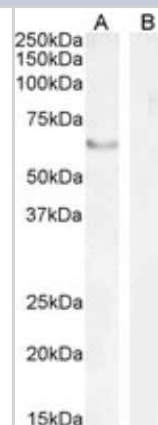
NB100-1269

FoxC2 Antibody

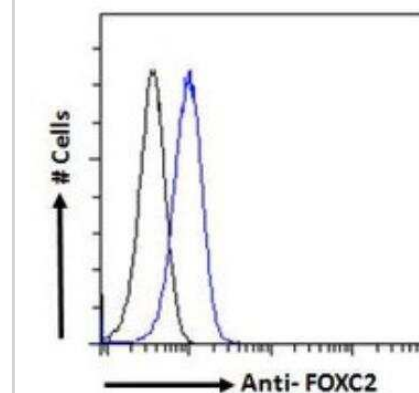
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	54 kDa
Product Description	
Host	Goat
Gene ID	2303
Gene Symbol	FOXC2
Species	Human, Mouse
Immunogen	Peptide with sequence RHAAPYSYDCTKY corresponding to C-Terminus according to NP_005242.1.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Peptide ELISA
Recommended Dilutions	Western Blot 2 ug/mL, Flow Cytometry 10 ug/mL, Peptide ELISA Detection limit 1:4000
Application Notes	IHC validated for previous lots. Use in IHC-frozen, and ICC/IF reported in scientific literature (PMID: 23862012).

Images

Western Blot: FoxC2 Antibody [NB100-1269] - Staining of nuclear HEK293 cell lysate with antibody at 2 ug/mL (A) and negative control human pancreas cell lysate with antibody at 1 ug/mL (B) (RIPA buffer 35 ug total protein per lane). Detected by chemiluminescence.



Flow Cytometry: FoxC2 Antibody [NB100-1269] - Analysis of paraformaldehyde fixed HEK293 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Brice G, Mansour S, Bell R et al. Analysis of the phenotypic abnormalities in lymphoedema-distichiasis syndrome in 74 patients with FOXC2 mutations or linkage to 16q24. *J Med Genet* 2002-07-01 [PMID: 12114478]

Siegenthaler JA, Choe Y, Patterson KP et al. Foxc1 is required by pericytes during fetal brain angiogenesis. *Biol Open* 2013 May 20 [PMID: 23862012] (IHC-Fr, ICC/IF, Mouse)

Zarbalis, K et al. Cortical dysplasia skull defects in mice with a Foxc1 allele reveal the role of meningeal differentiation in regulating cortical development. *PNAS*, Aug; 104: 14002 - 14007. 2007-01-01 [PMID: 17715063]

Dagenais, SL et al. Foxc2 is expressed in developing lymphatic vessels and other tissues associated with lymphedema-distichiasis syndrome. *Gene Expr Patterns*4(6):611-9. 2004-10-01 [PMID: 15465483]



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Products Related to NB100-1269

NBL1-10802	FoxC2 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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