

Product Datasheet

LIM1 Antibody - BSA Free NB110-12933

Unit Size: 0.05 mg

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

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Publications: 1

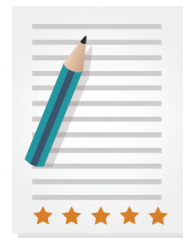
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NB110-12933

LIM1 Antibody - BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02M PBS, pH 7.6

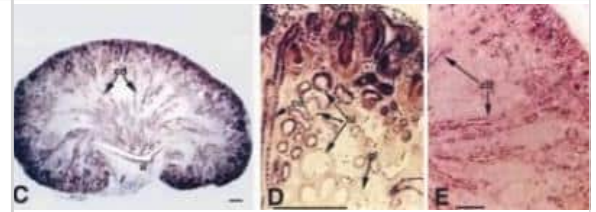
Product Description	
Description	For NB110-12933 specific protocol, please see the PDF under the Product PDFs.
Host	Rabbit
Gene ID	3975
Gene Symbol	LHX1
Species	Human, Mouse, Rat, Amphibian, Fish
Reactivity Notes	Frog. Also reacts with Lim-1 from whole-mount fish embryo.
Specificity/Sensitivity	Does not appear to crossreact with LIM5 (the closest homologue of LIM1 in frog) on tissue sections but does crossreact with LIM5 in Western blot and immunoprecipitation.
Immunogen	Synthetic peptide corresponding to C-terminal portion of frog Lim-1.
Notes	May be stored at 4C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20C. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Immunohistochemistry Whole-Mount
Recommended Dilutions	Western Blot 1:3000-1:6000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation 1:200, Immunohistochemistry-Paraffin 1:200-1:1000, Immunohistochemistry Whole-Mount 1:500
Application Notes	Immunohistochemistry (Paraffin): 1:200-1:1000 (Fish and whole mounts: 1:500) Recommended fixative MEMFA, Immunocytochemistry: 1:500 on P19 cell line. Optimal dilutions to be determined by the researcher. Do not use tissues fixed overnight in PFA, the antibody will not work.



Images

Immunohistochemistry: LIM1 Antibody - BSA Free [NB110-12933] - Staining using LIM1 antibody - BSA Free



Publications

Bethea M, Liu Y, Wade AK et al. The islet-expressed Lhx1 transcription factor interacts with Islet-1 and contributes to glucose homeostasis. *Am. J. Physiol. Endocrinol. Metab.* 2019-01-08 [PMID: 30620636] (ICC/IF, Mouse)



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Products Related to NB110-12933

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-21271PEP	LIM1 Recombinant Protein Antigen

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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