

Product Datasheet

Podocalyxin Like Antibody

NB100-60950

Unit Size: 0.1 mg

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

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Updated 7/17/2023 v.20.1

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NB100-60950

Podocalyxin Like 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

Product Description	
Host	Goat
Gene ID	5420
Gene Symbol	PODXL
Species	Human, Mouse, Rat
Marker	Podocytes /Apical Marker, Endothelial Cell Marker
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms (NP_001018121.1 and NP_005388.2).
Immunogen	Peptide with sequence C-DNLTKDDLDEEEDTH corresponding to C-Terminus according to NP_005388.2.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:8000
Application Notes	WB: Approx. 160 kDa band observed in human, mouse and rat kidney lysates is reported in scientific literature (PMID: 9188463).

Images

Western Blot: Podocalyxin Antibody [NB100-60950] - (1ug/ml) staining of Human Kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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

Publications

Nielsen JS, Graves ML, Chelliah S et al. The CD34-Related Molecule Podocalyxin Is a Potent Inducer of Microvillus Formation. PLoS ONE 2007-02-21 [PMID: 17311105]



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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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