

Product Datasheet

LRP-6 Antibody NB100-1475

Unit Size: 0.1 mg

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

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NB100-1475**LRP-6 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

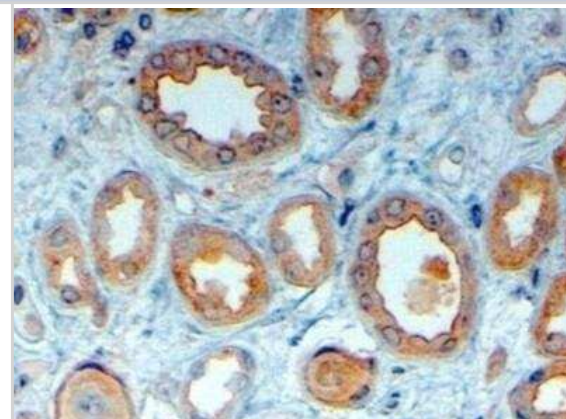
Product Description	
Host	Goat
Gene ID	4040
Gene Symbol	LRP6
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 20303298).
Specificity/Sensitivity	This antibody is expected to recognise an epitope corresponding to aa 1546-1560 of human LRP6 protein.
Immunogen	Peptide with sequence CMTSVATAKGYTSDL corresponding to internal region according to NP_002327.2.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot, Flow Cytometry 10 ug/mL, Immunohistochemistry 4 - 6 ug/mL, Immunohistochemistry-Paraffin 4 - 6 ug/mL, Peptide ELISA Detection limit 1:64000
Application Notes	Use in Western blot reported in scientific literature (PMID: 20303298).

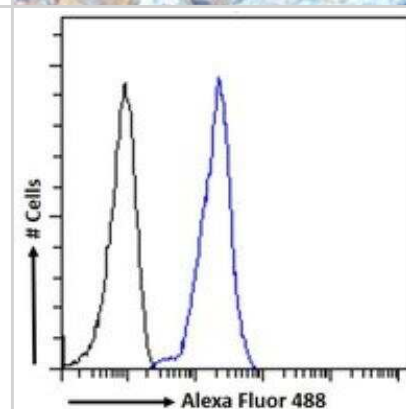


Images

Immunohistochemistry-Paraffin: LRP-6 Antibody [NB100-1475] - Analysis of paraffin embedded Human Kidney using this antibody at 4 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.



Flow Cytometry: LRP-6 Antibody [NB100-1475] - Flow cytometric analysis of paraformaldehyde fixed K562 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.



Publications

Nava Porfirio, Koch Stefan, Laukoetter Mike G et al. Interferon-gamma regulates intestinal epithelial homeostasis through converging beta-catenin signaling pathways. *Immunity* 2010-01-01 [PMID: 20303298] (WB, Mouse)

Tamai K, Semenov M, Kato Y et al. LDL-receptor-related proteins in Wnt signal transduction. *Nature* 2000-09-28 [PMID: 11029007]

Liu W, Mani S, Davis NR et al. Mutation in EGFP Domain of LDL Receptor-Related Protein 6 Impairs Cellular LDL Clearance. *Circ Res*;103(11):1280-1288. 2008-01-01 [PMID: 18948618]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-1475

NBL1-12672	LRP-6 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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