

Product Datasheet

LRP-6 Antibody NB100-1475

Unit Size: 0.1 mg

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

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Publications: 3

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NB100-1475

LRP-6 Antibody

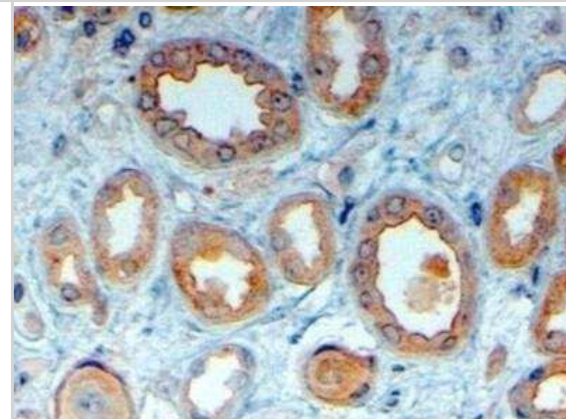
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

| Product Description | |
|-------------------------|---|
| Description | Novus Biologicals Goat LRP-6 Antibody (NB100-1475) is a polyclonal antibody validated for use in IHC, WB, ELISA and Flow. Anti-LRP-6 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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. |

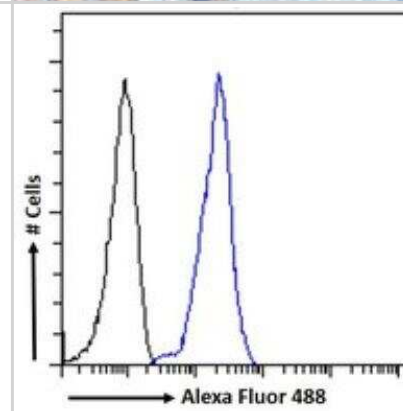
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Peptide ELISA |
| Recommended Dilutions | Western Blot, Flow Cytometry 10 ug/mL, Immunohistochemistry 4 - 6 ug/mL, Immunohistochemistry-Paraffin 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]



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Products Related to NB100-1475

| | |
|-----------------|--|
| NBL1-12672 | LRP-6 Overexpression Lysate |
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| 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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