

For Research Use Only

# NDP Polyclonal antibody

Catalog Number: 15380-1-AP



## Basic Information

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| <b>Catalog Number:</b><br>15380-1-AP   | <b>GenBank Accession Number:</b><br>BC029901       | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 300 µg/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>4693                      | <b>Recommended Dilutions:</b><br>WB 1:500-1:1000             |
| <b>Source:</b><br>Rabbit   | <b>Full Name:</b><br>Norrie disease (pseudoglioma) |  |
| <b>Isotype:</b><br>IgG   | <b>Calculated MW:</b><br>15 kDa                    |  |
| <b>Immunogen Catalog Number:</b><br>AG4066   | <b>Observed MW:</b><br>50-60 kDa                   |  |

## Applications

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|---|---|
| <b>Tested Applications:</b><br>WB, ELISA    | <b>Positive Controls:</b><br>WB : mouse testis tissue, mouse eye tissue |
| <b>Species Specificity:</b><br>human, mouse |   |

## Background Information

NDP, also named as EVR2, ND and Norrin, is a secreted regulatory protein that remains tightly associated with the extracellular matrix. Mutations in the NDP gene are associated with the Norrie disease. Signaling induced by the protein NDP regulates vascular development of vertebrate retina and controls important blood vessels in the ear. It binds with high affinity to Frizzled 4, and Frizzled 4 knockout mice exhibit abnormal vascular development of the retina. This antibody detects 11-15 kDa (monomer) and 48 kDa (polymers, refer: 25692504).

## Storage

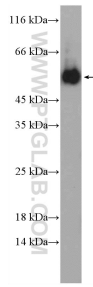
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 15380-1-AP (NDP antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.