For Research Use Only

NDP Polyclonal antibody

Catalog Number:15380-1-AP

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
15380-1-AP

Size:
150ul , Concentration: 300 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG4066

GenBank Accession Number:
BC029901

GeneID (NCBI):
4693

UNIPROT ID:
Q00604

Full Name:
Norrie disease (pseudoglioma)

Calculated MW:
15 kDa

Observed MW:
50-60 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse

Positive Controls:

WB : mouse testis tissue, mouse eye tissue

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).

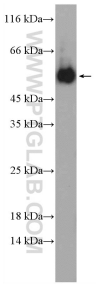
Storage

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

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.