

For Research Use Only

NDP Polyclonal antibody

Catalog Number: 15380-1-AP



Basic Information

Catalog Number: 15380-1-AP	GenBank Accession Number: BC029901	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4693	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q00604	
Isotype: IgG	Full Name: Norrie disease (pseudoglioma)	
Immunogen Catalog Number: AG4066	Calculated MW: 15 kDa	
	Observed MW: 50-60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse testis tissue, mouse eye tissue
Species Specificity: 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

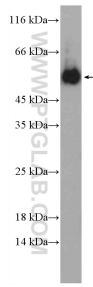
For technical support and original validation data for this product please contact:

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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.