

## **NDP Polyclonal Antibody**

Catalog No: YN2291

**Reactivity:** Human; Mouse

**Applications:** WB;ELISA

Target: NDP

Gene Name: NDP EVR2

**Protein Name:** Norrin (Norrie disease protein) (X-linked exudative vitreoretinopathy 2 protein)

Human Gene Id: 4693

**Human Swiss Prot** 

No:

**Mouse Swiss Prot** 

No:

**Immunogen:** Synthesized peptide derived from human protein . at AA range: 40-120

**Specificity:** NDP Polyclonal Antibody detects endogenous levels of protein.

**Formulation:** Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Source: Polyclonal, Rabbit, lgG

**Dilution:** WB 1:500-2000 ELISA 1:5000-20000

Q00604

P48744

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Concentration**: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 14kD

1/2



## **Background:**

This gene encodes a secreted protein with a cystein-knot motif that activates the Wnt/beta-catenin pathway. The protein forms disulfide-linked oligomers in the extracellular matrix. Mutations in this gene result in Norrie disease and X-linked exudative vitreoretinopathy. [provided by RefSeq, Feb 2009],

## **Function:**

disease:Defects in NDP are the cause of Norrie disease (ND) [MIM:310600]; also known as atrophia bulborum hereditaria or Episkopi blindness. ND is a recessive disorder characterized by very early childhood blindness due to degenerative and proliferative changes of the neuroretina. Approximately 50% of patients show some form of progressive mental disorder, often with psychotic features, and about one-third of patients develop sensorineural deafness in the second decade. In addition, some patients have more complex phenotypes, including growth failure and seizure.,disease:Defects in NDP are the cause of vitreoretinopathy exudative type 2 (EVR2) [MIM:305390]. EVR2 is a disorder of the retinal vasculature characterized by an abrupt cessation of growth of peripheral capillaries, leading to an avascular peripheral retina. This may lead to compensatory retinal neovascularization, which is thou

Subcellular Location:

Secreted.

**Expression:** 

Expressed in the outer nuclear, inner nuclear and ganglion cell layers of the

retina, and in fetal and adult brain.

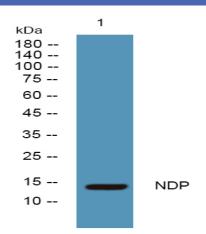
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20316

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1

## **Products Images**



Western blot analysis of lysates from Jurkat cells, primary antibody was diluted at 1:1000, 4° over night